

2000 Iowa Crash Facts



**A Summary of Motor Vehicle Crash
Statistics on Iowa Roadways**

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The Iowa Department of Transportation would like to thank all enforcement agencies and peace officers for their work on crash investigations which make this report possible. All information concerning Iowa traffic crashes was taken from report forms provided by investigating officers and drivers involved in crashes.

All statistics are gathered and calculated by the Iowa Department of Transportation's Office of Driver Services. National statistics are obtained from "Traffic Safety Facts 2000" published by the U.S. Department of Transportation's National Highway Traffic Safety Administration. Population numbers are obtained from the U.S. Bureau of Census as prepared by the State Library of Iowa, State Data Center Program.

This publication provides information to safety professionals and other concerned citizens to promote a safer driving environment. We hope that this year's publication of **Iowa Crash Facts** provides the information you need.

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This publication is also available at the
Iowa Motor Vehicle Division's Website at www.dot.state.ia.us/mvd

General Summary

Fast Facts—A General Summary of Motor Vehicle Crashes in Iowa

In Iowa there were . . .

1 crash every 7.97 minutes.

1 driver out of 19.62 involved in a crash.

1.22 lives lost each day because of traffic crashes;
445 lives were lost in 2000.

98.72 persons were injured each day because of traffic crashes;
36,031 persons were injured in 2000.

In Iowa, motor vehicle crashes decreased 0.19% in 2000 from the 64,485 crashes recorded in 1999
fatalities decreased 9.18% from the 490 fatalities recorded in 1999.

Nationally there were . . .

41,821 fatalities in 2000, a 0.25% increase from the 41,717 fatalities in 1999;
37,409 fatal crashes in 2000, a 0.72% increase from the 37,140 fatal crashes in 1999.

Summary of all Crashes

Type of Crash & Crash Victim		All Crashes	Fatal Crashes	Personal Injury Crashes	Property Damage Crashes
Crashes		64,361	394	23,763	40,204
Fatalities & Injuries		36,476			
Fatalities		445	445		
Injuries		36,031	459	35,572	
Vehicles		113,432	657	43,713	69,062
Vehicle Occupants	Involved	163,414	1,076	66,833	95,505
	Killed	420	420		
	Injured	35,421	458	34,963	
Vehicle Drivers	Involved	106,889	639	42,299	63,951
	Killed	303	303		
	Injured	24,479	207	24,272	
Vehicle Passengers	Involved	56,525	437	24,534	31,554
	Killed	117	117		
	Injured	10,942	251	10,691	
Pedestrians	Involved	630	26	604	
	Killed	25	25		
	Injured	605	1	604	
Non-Vehicle Non-Pedestrians	Involved	7	0	5	
	Killed	0	0		
	Injured	5	0	5	

NOTE: "Occupants" refers to both vehicle drivers and passengers.

"Involved" may include drivers/passengers of a vehicle or pedestrians who are neither injured nor killed.

"Non-Vehicle Non-Pedestrians" are persons who were not in a vehicle nor would be considered a pedestrian (e.g., riders of a horse or horse and buggy, occupants of a train or building).

General Summary

Summary of Alcohol-Related Crashes

Type of Alcohol-Related Crash & Crash Victim		All Crashes	Fatal Crashes	Personal Injury Crashes	Property Damage Crashes
Crashes		2,867	100	1,561	1,206
Fatalities & Injuries		2,497			
Fatalities		112	112		
Injuries		2,385	66	2,319	
Vehicles		4,490	141	2,387	1,962
Vehicle Occupants	Involved	6,205	196	3,556	2,453
	Killed	107	107		
	Injured	2,333	66	2,267	
Vehicle Drivers	Involved	3,994	135	2,212	1,647
	Killed	82	82		
	Injured	1,548	37	1,511	
Vehicle Passengers	Involved	2,211	61	1,344	806
	Killed	25	25		
	Injured	785	29	756	
Pedestrians	Involved	56	5	51	
	Killed	5	5		
	Injured	51	0	51	
Non-Vehicle Non-Pedestrians	Involved	1	0	1	
	Killed	0	0		
	Injured	1	0	1	

NOTE: "Occupants" refers to both vehicle drivers and passengers.
 "Involved" may include drivers/passengers of a vehicle or pedestrians who are neither injured nor killed.
 "Non-Vehicle Non-Pedestrians" are persons who were not in a vehicle nor would be considered a pedestrian (e.g., riders of a horse or horse and buggy, occupants of a train or building).

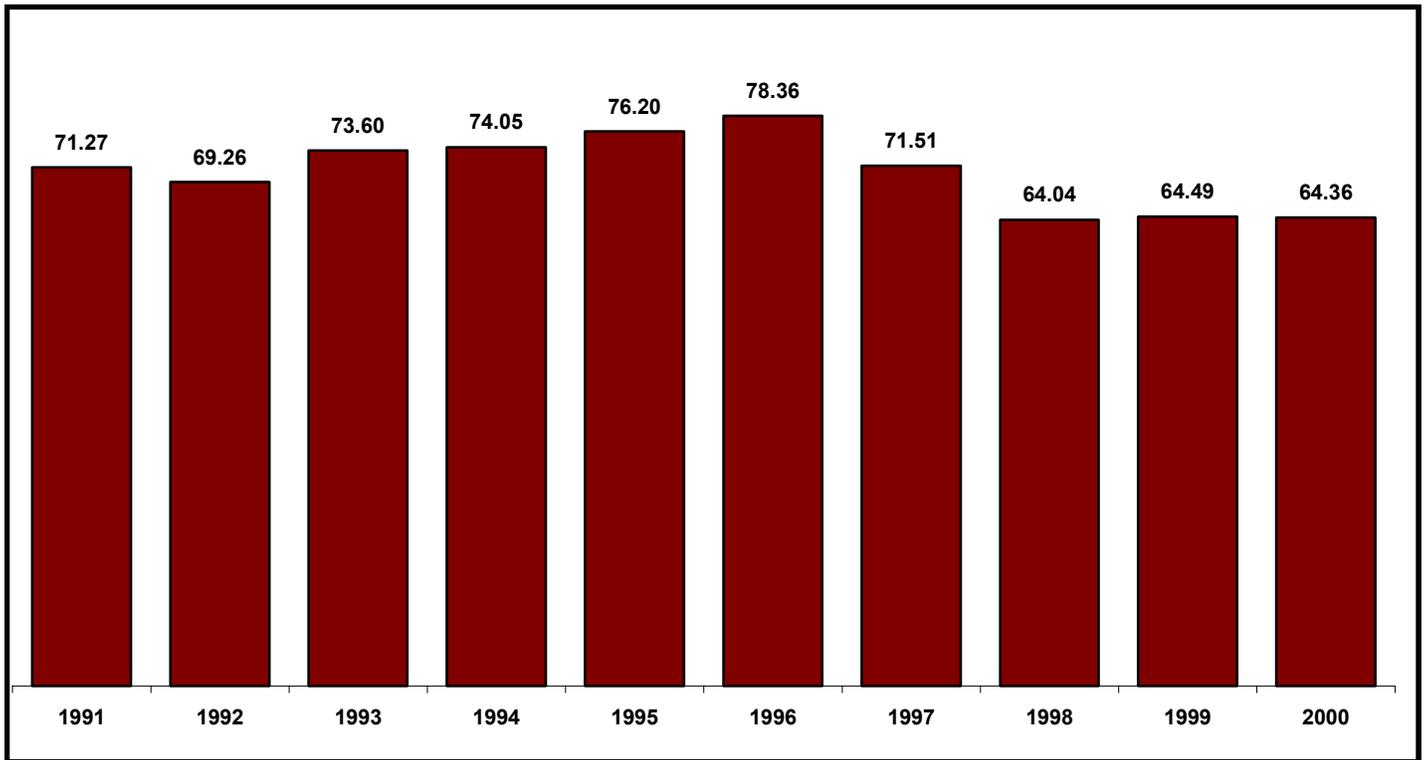
Summary of Protective Device Usage

Protective Device Used	Severity of Injury									
	Fatal		Major (Incapacitating)		Minor (Bruises/Abrasions)		Possible (Complaint of Pain)		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
None Used	187	44.52%	948	27.28%	5,354	17.00%	90	20.13%	6,579	18.36%
Lap Belt	3	0.71%	152	4.37%	1,667	5.29%	17	3.80%	1,839	5.13%
Lap & Shoulder Belt	133	31.67%	1,361	39.17%	15,050	47.78%	216	48.32%	16,760	46.76%
Airbag Deployed	17	4.05%	125	3.60%	831	2.64%	13	2.91%	986	2.75%
Child Restraint	4	0.95%	25	0.72%	357	1.13%	4	0.89%	390	1.09%
Helmet	4	0.95%	64	1.84%	229	0.73%	4	0.89%	301	0.84%
Passive Restraint	5	1.19%	6	0.17%	54	0.17%	0	0.00%	65	0.18%
Other	0	0.00%	18	0.52%	166	0.53%	0	0.00%	184	0.51%
Unknown	67	15.95%	776	22.33%	7,791	24.73%	103	23.04%	8,737	24.38%
Total	420	100.00%	3,475	100.00%	31,499	100.00%	447	100.00%	35,841	100.00%

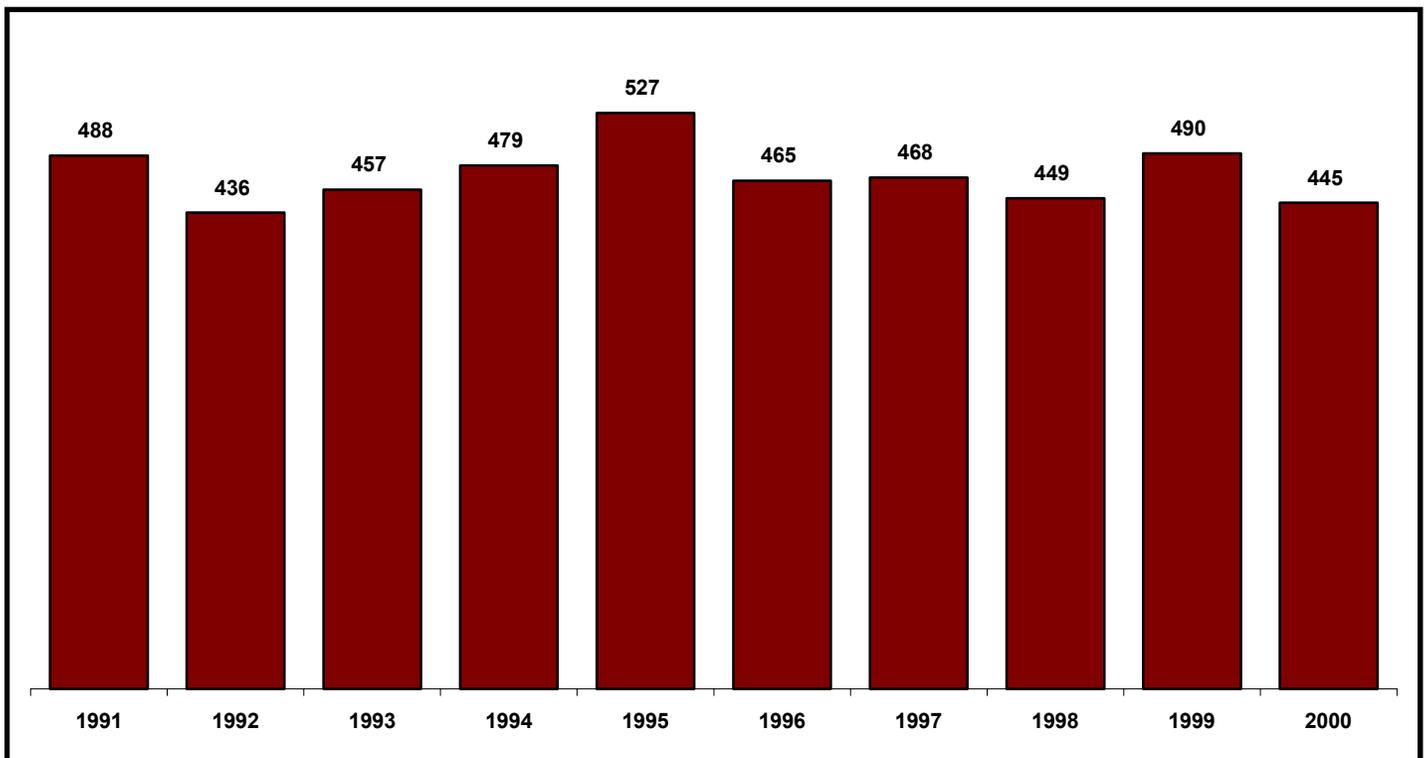
NOTE: Does not include pedestrians or non-vehicle/non-pedestrians.

10-Year Iowa Statistics

All Crashes In Thousands

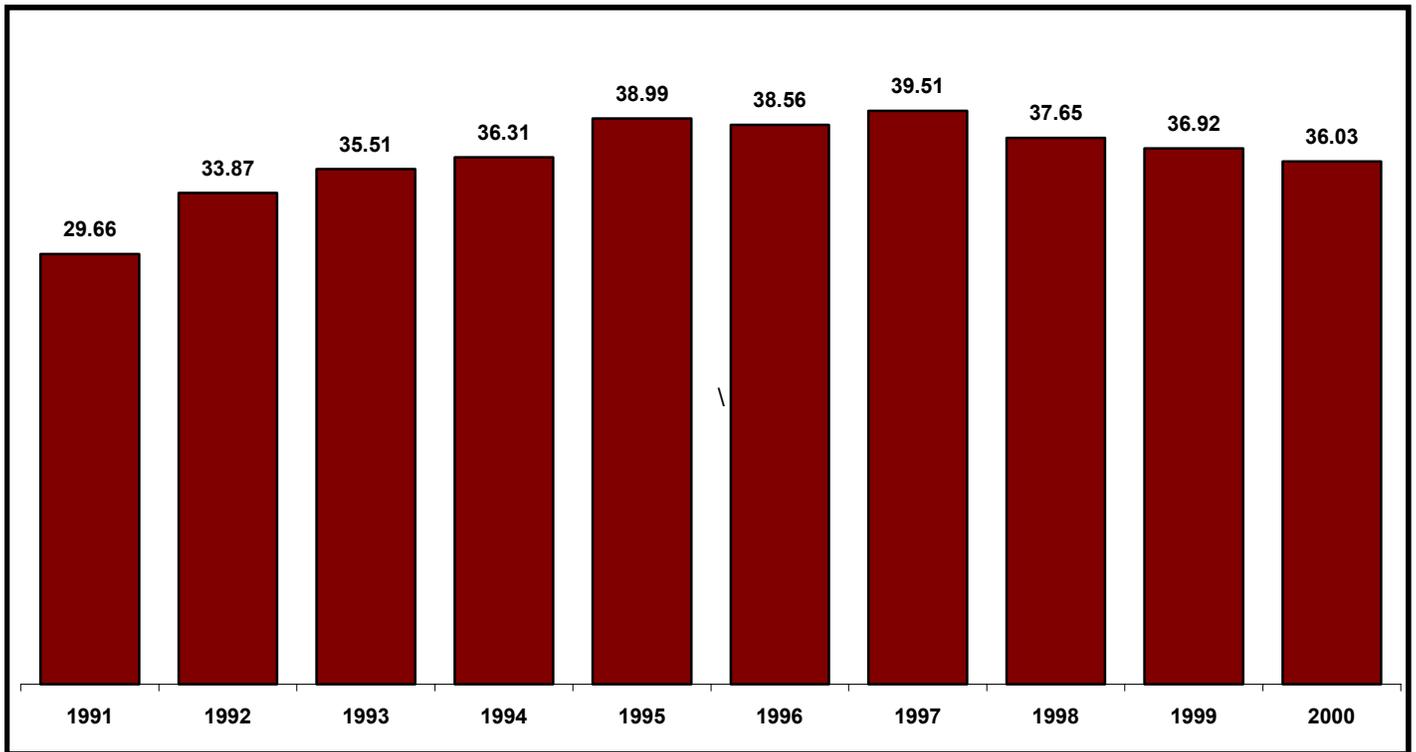


Fatalities

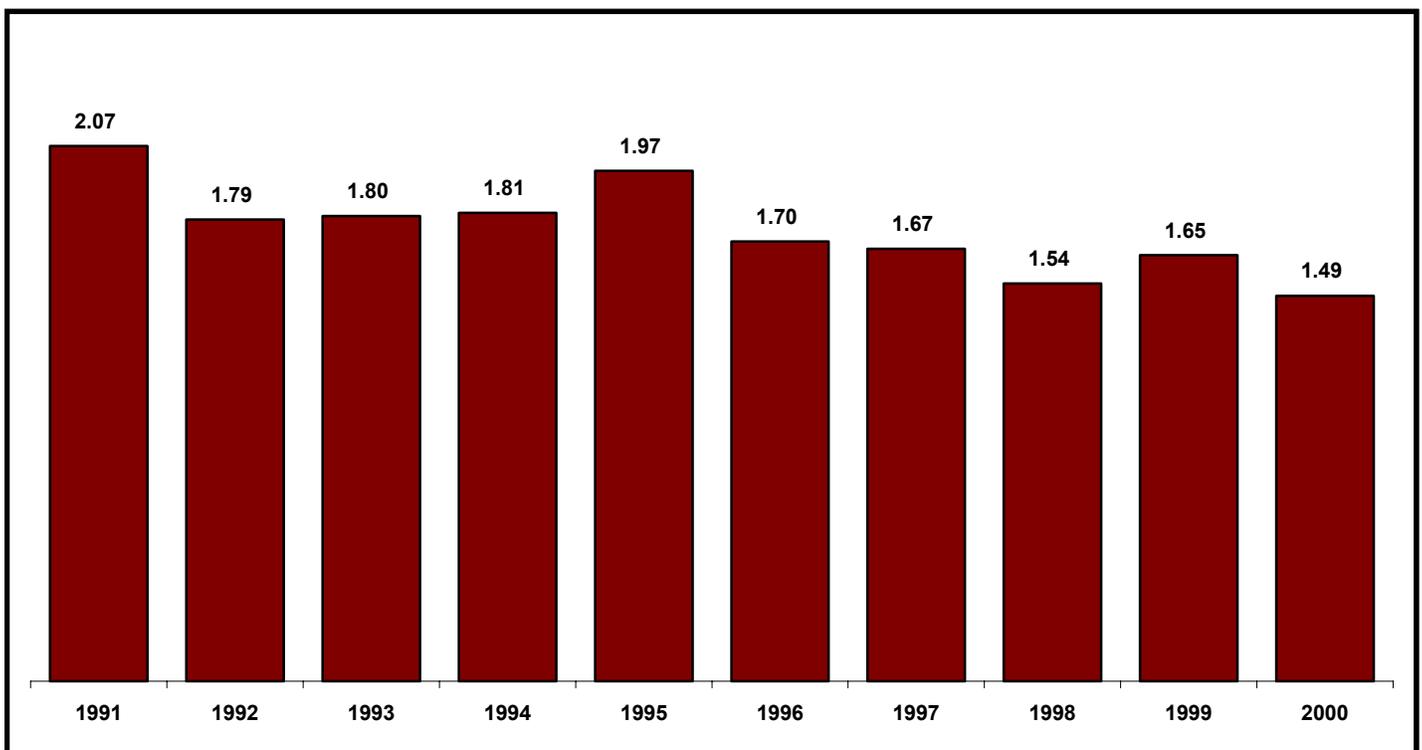


10-Year Iowa Statistics

Injuries In Thousands

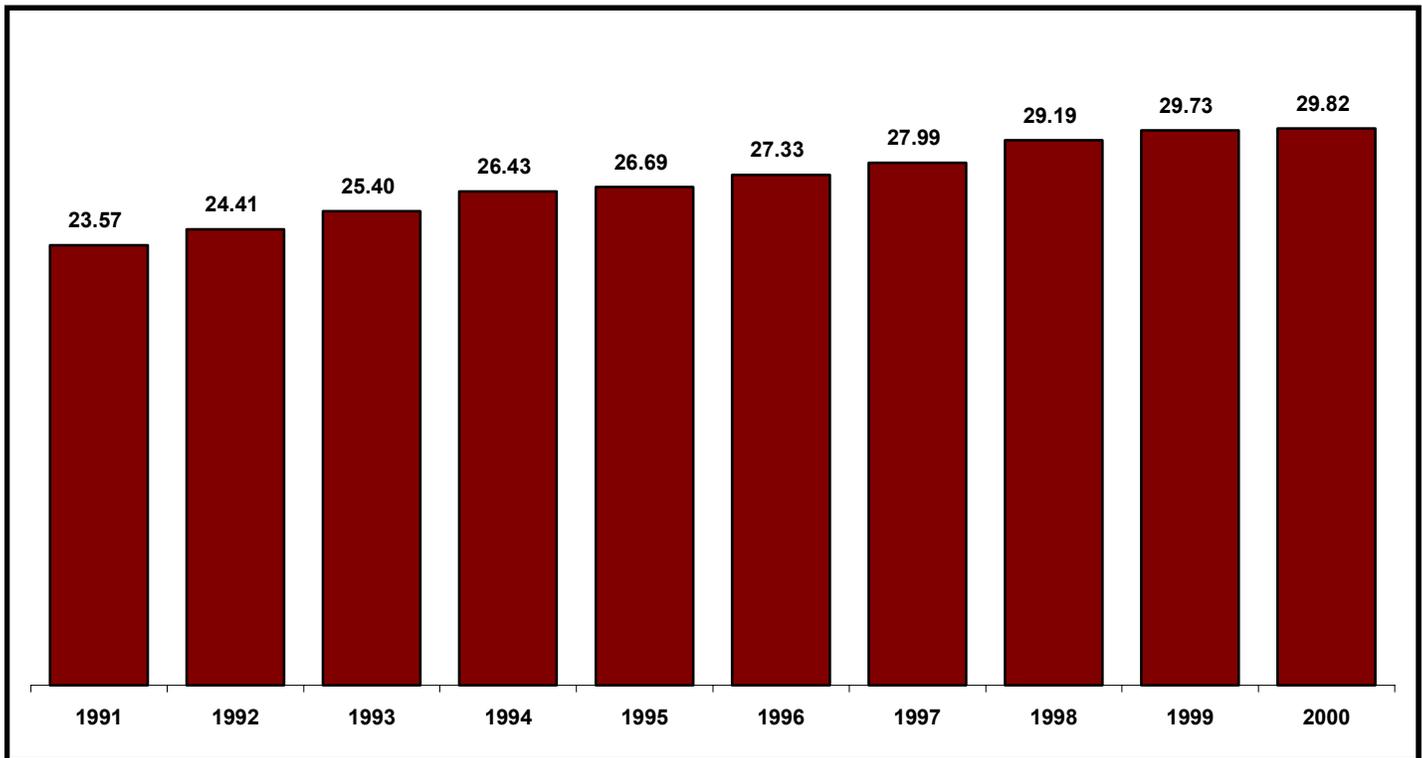


Iowa Death Rate Deaths per 100 Million Miles Traveled

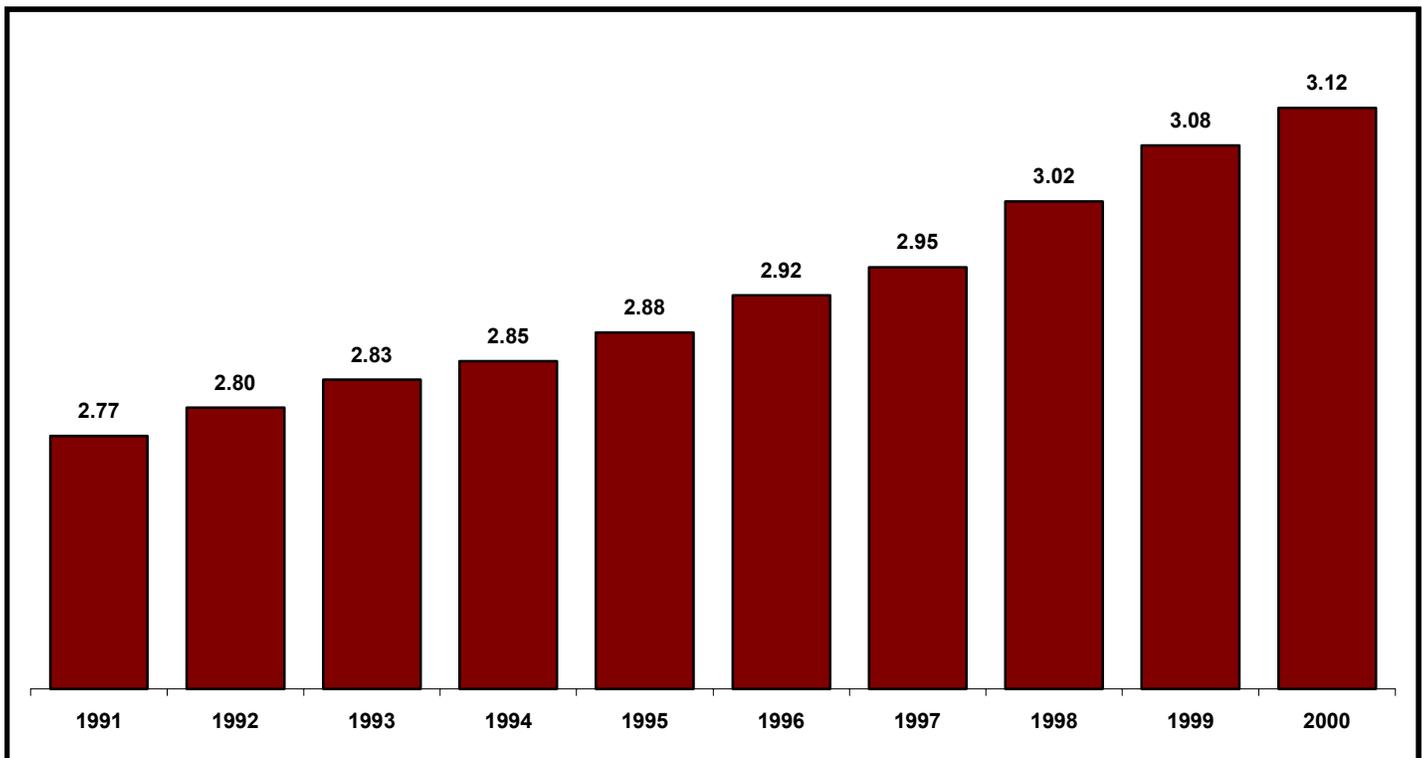


10-Year Iowa Statistics

Vehicle Miles Traveled In Billions

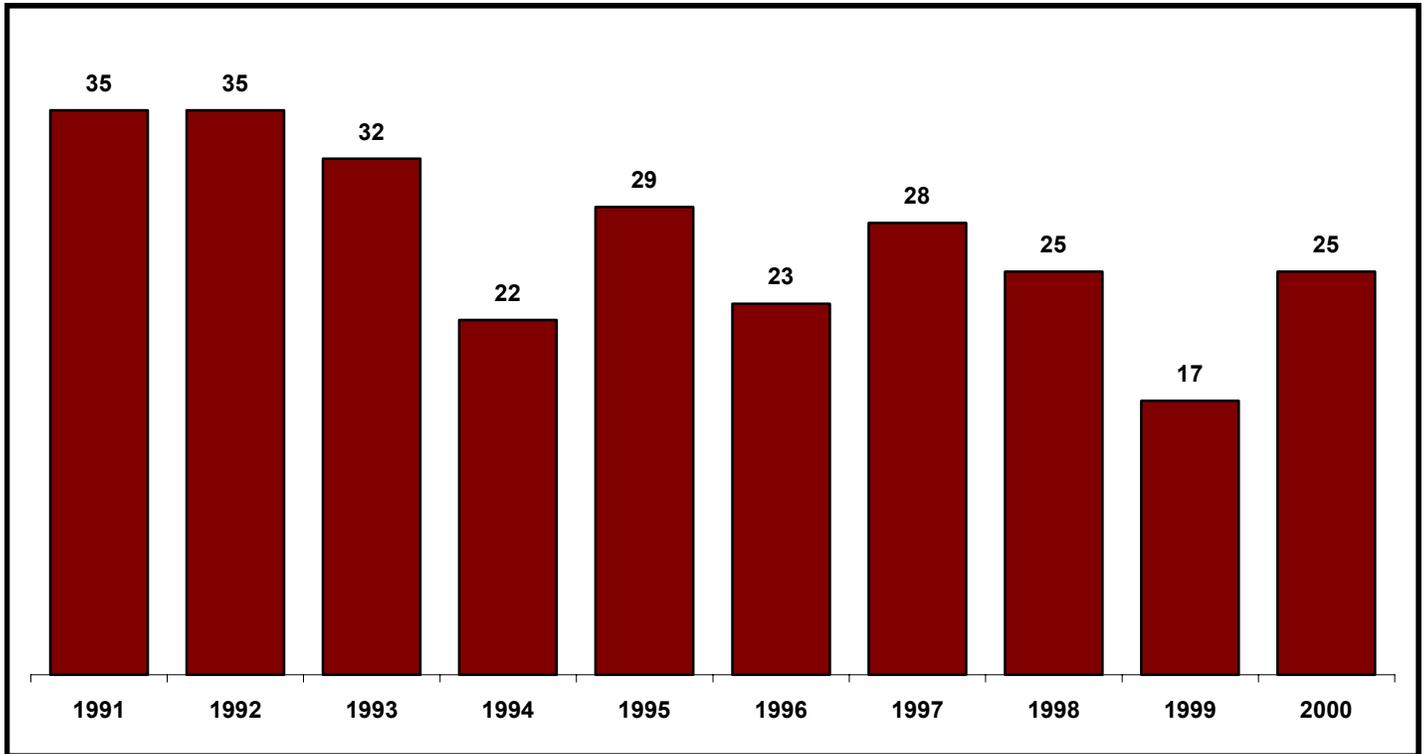


Motor Vehicle Registrations In Millions

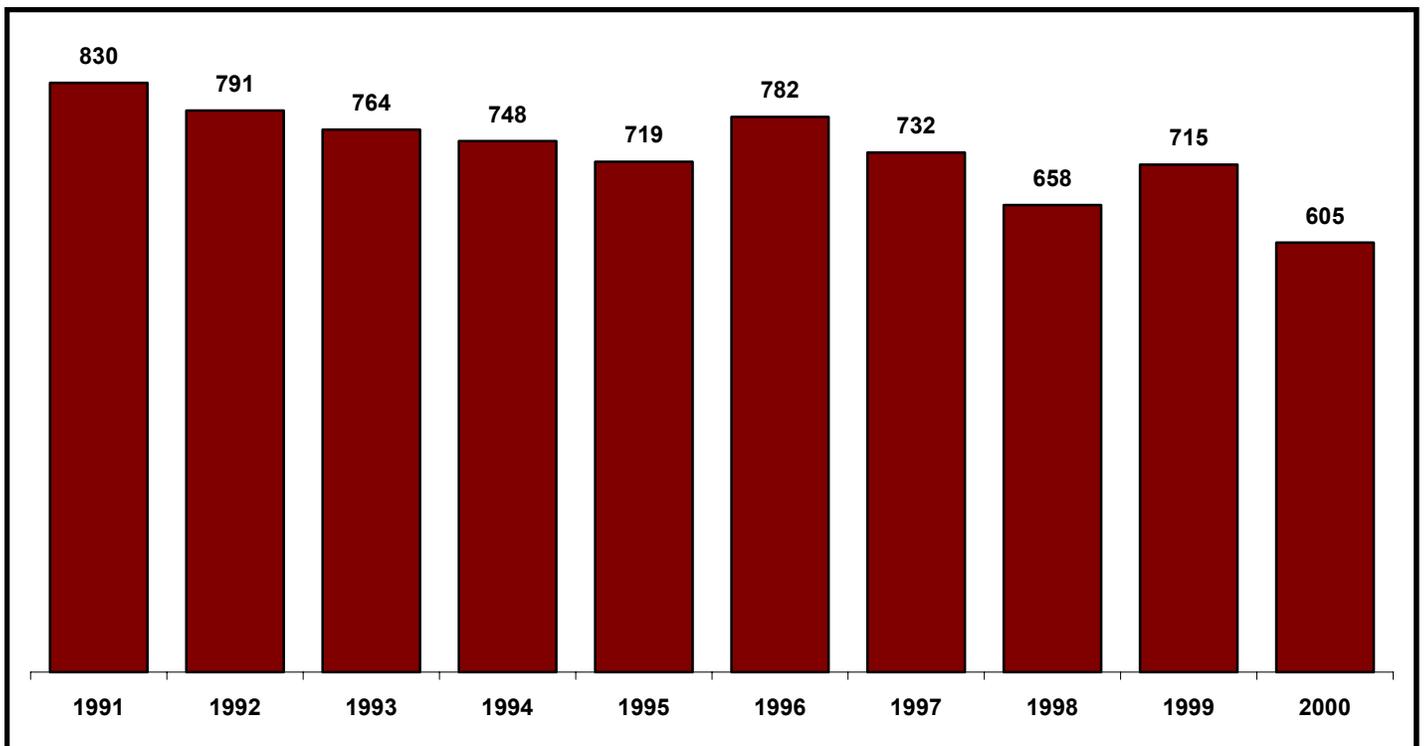


10-Year Iowa Statistics

Pedestrian Fatalities

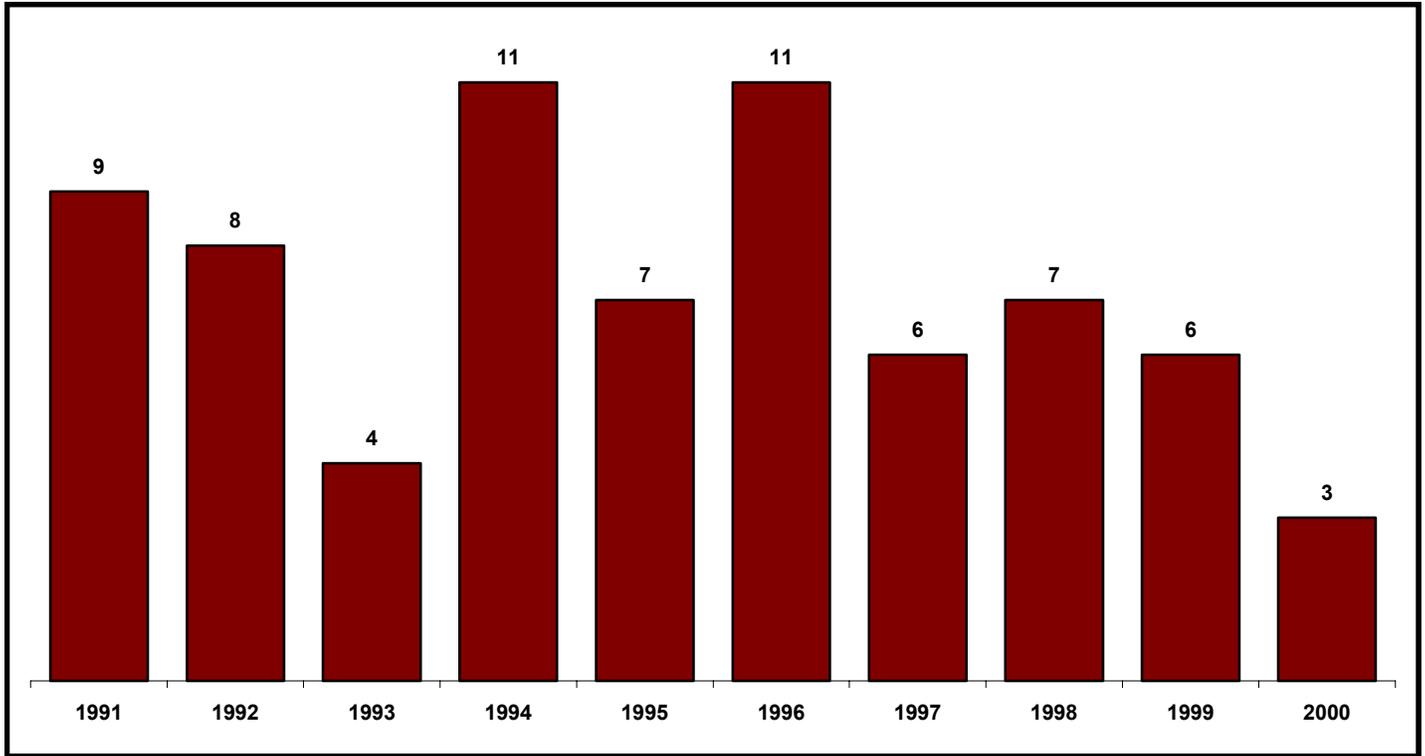


Pedestrian Injuries

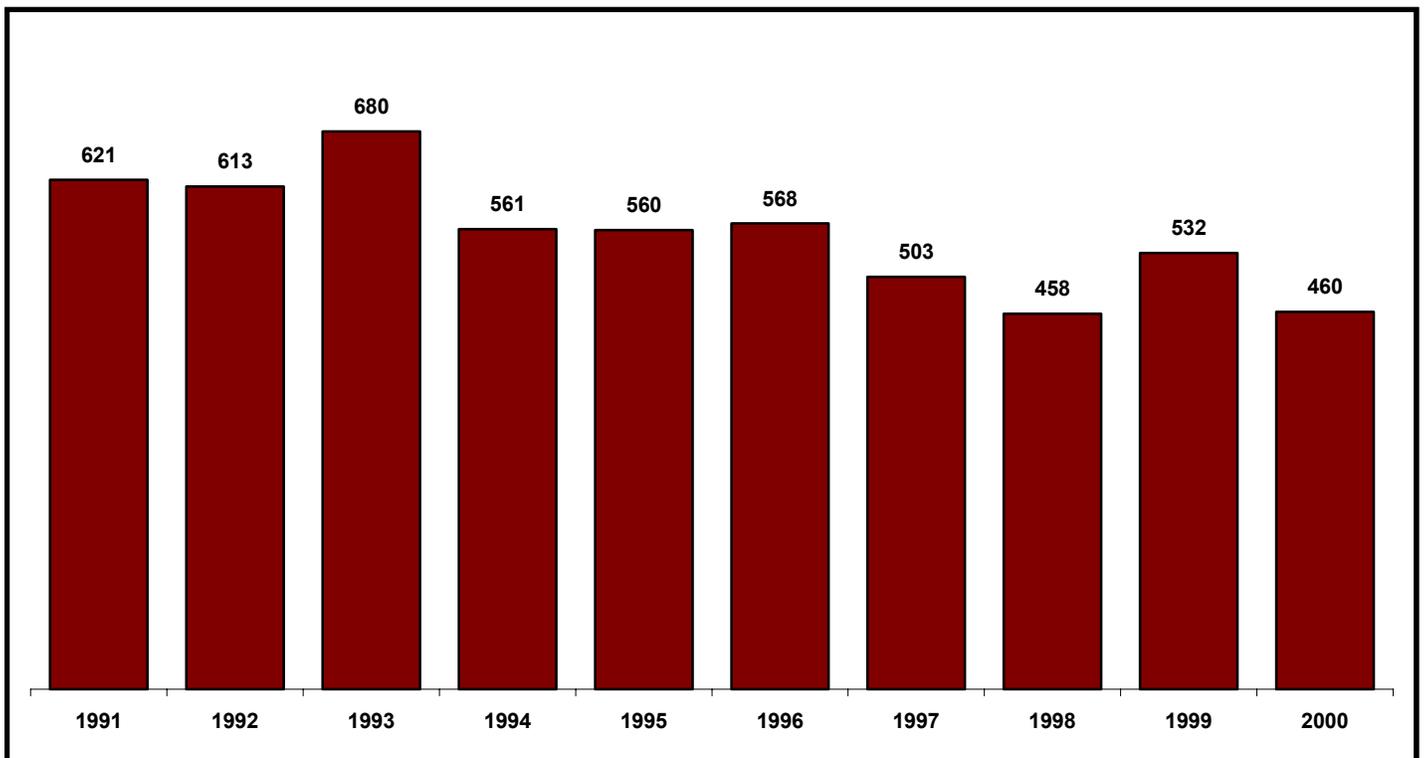


10-Year Iowa Statistics

Pedalcycle Fatalities

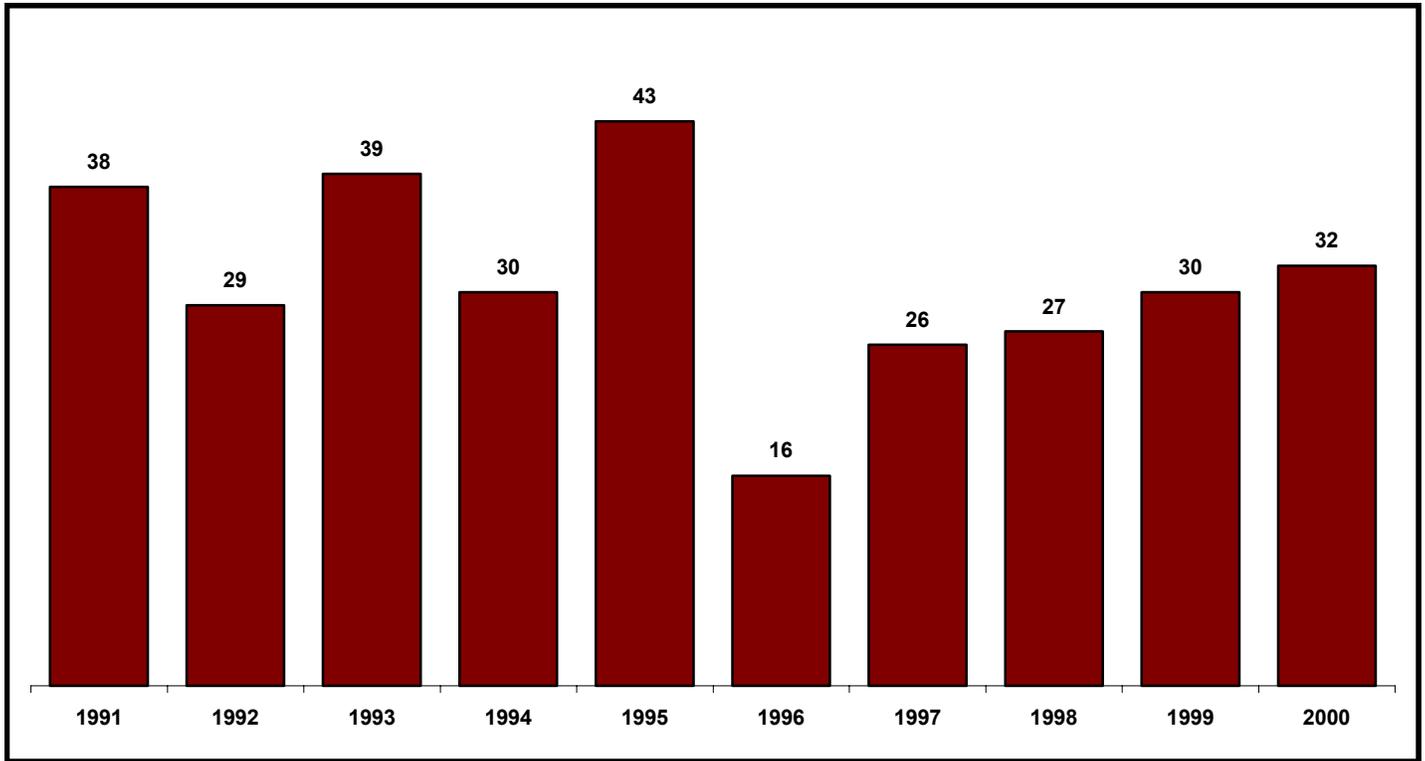


Pedalcycle Injuries

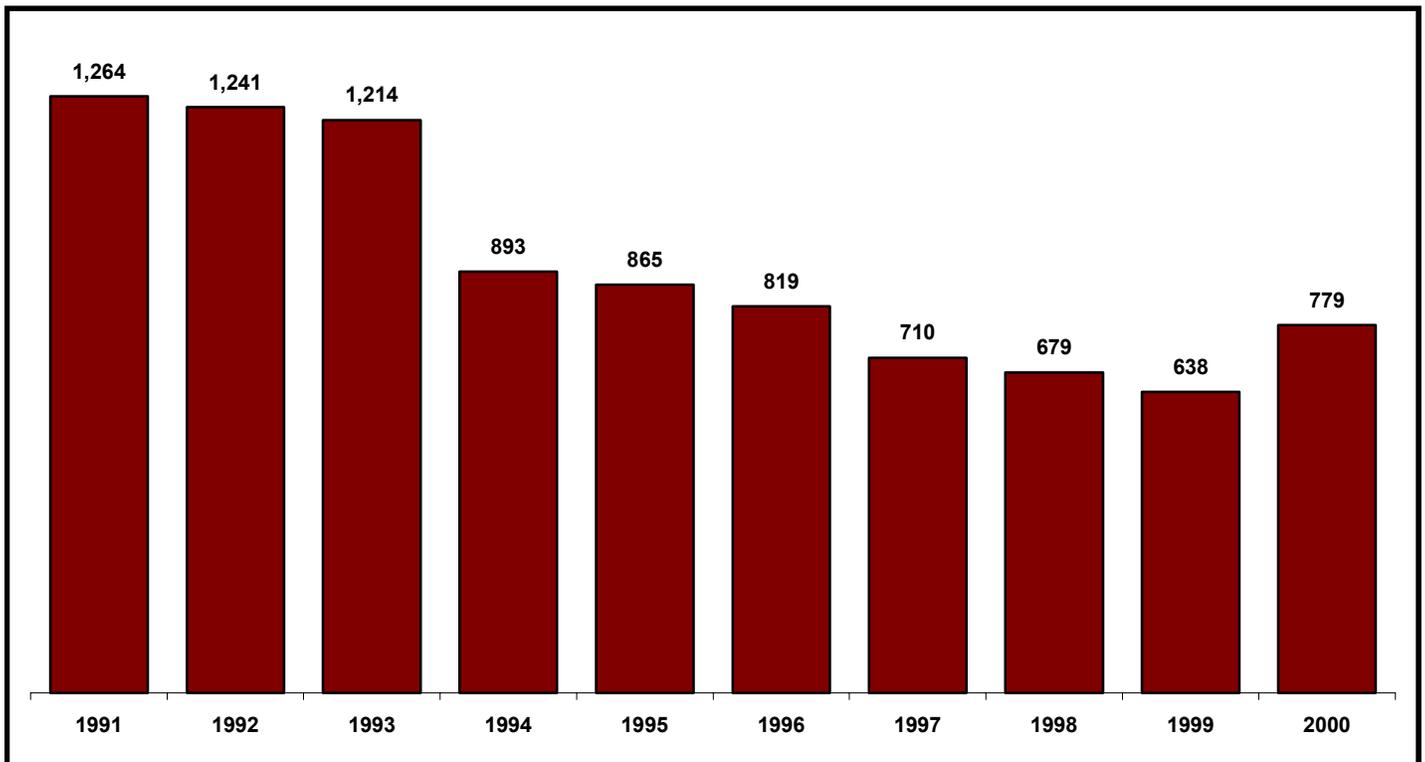


10-Year Iowa Statistics

Motorcyclist Fatalities

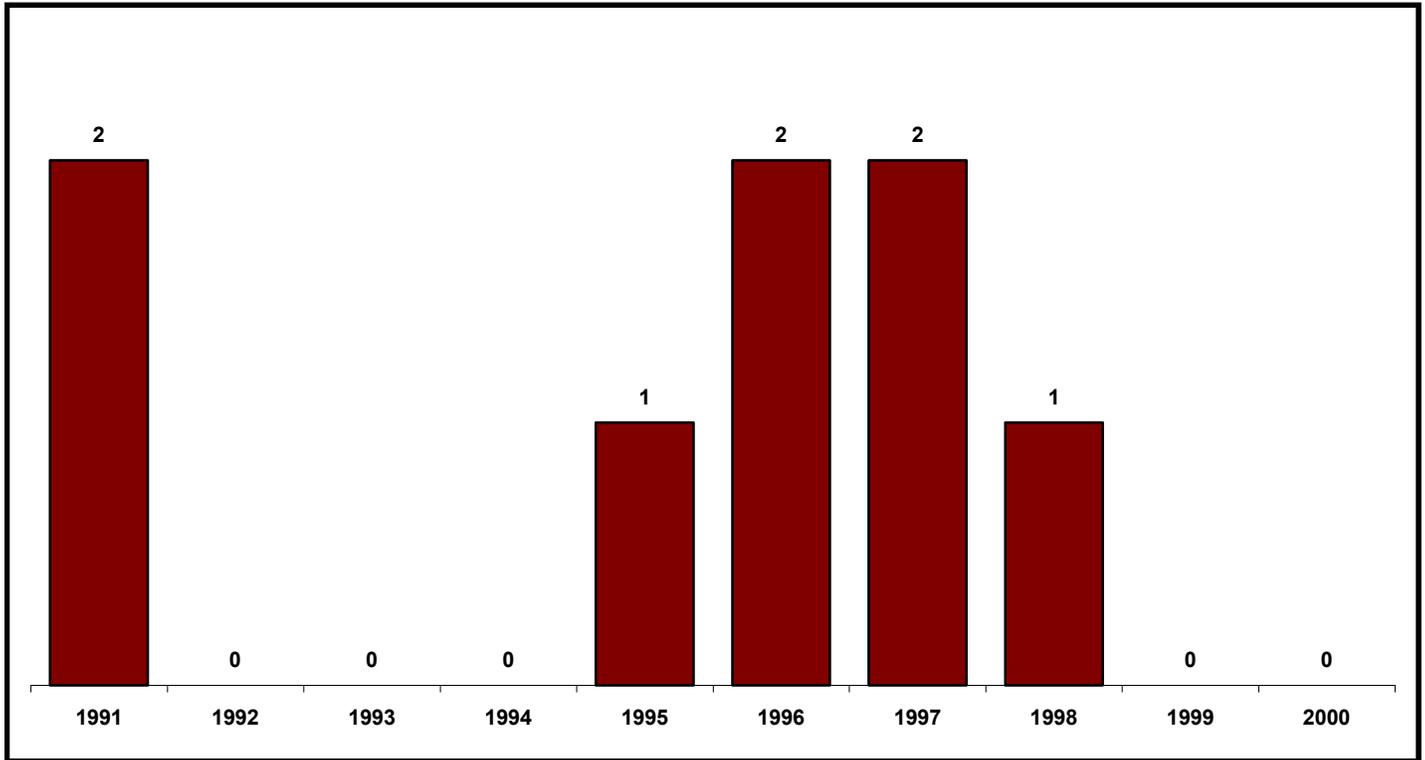


Motorcyclist Injuries

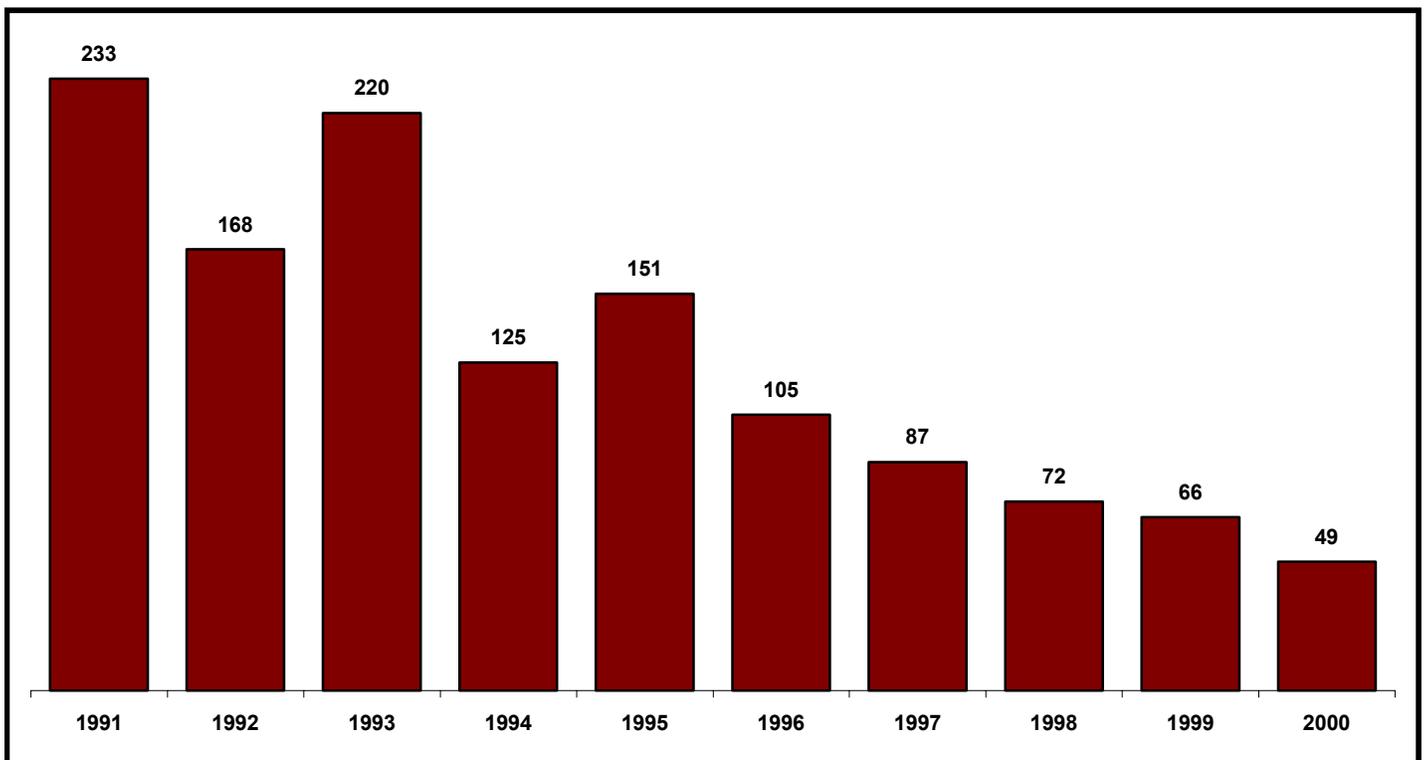


10-Year Iowa Statistics

Moped Fatalities



Moped Injuries



30-Year Iowa Crash Statistics

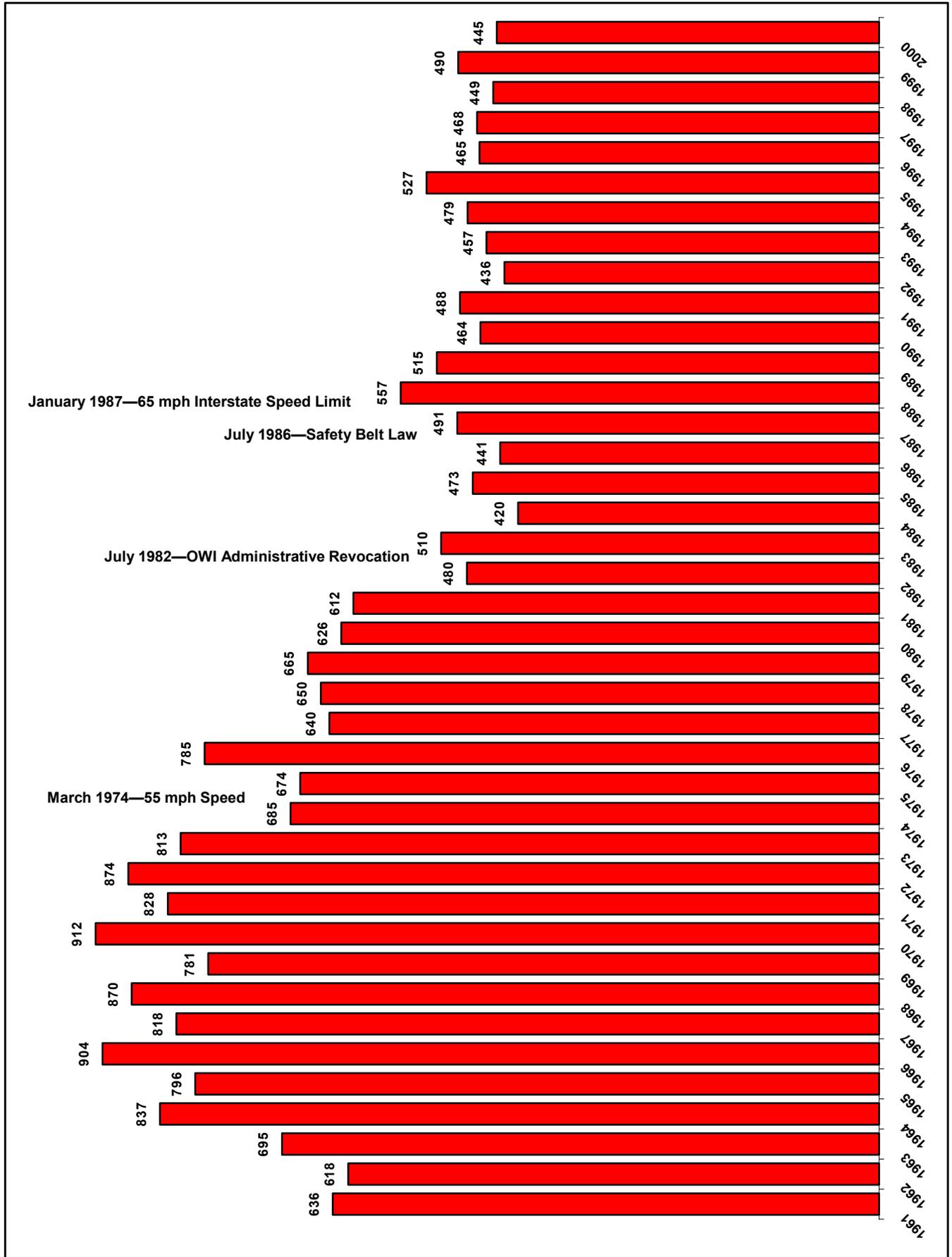
30-Year Iowa Crash Statistics

Year	Fatalities	Injuries	Crashes			Vehicle Miles Traveled				Licensed Drivers	Motor Vehicle Registrations
			Fatal	Injury	All	Vehicle Miles Traveled (Million)	Fatal Crash Rate	Total Crash Rate	Fatality Rate		
1971	828	31,599	681	21,411	87,100	16,582	4.11	525.27	4.99	1,704,137	1,916,850
1972	875	35,484	722	23,814	91,918	17,127	4.22	536.68	5.11	1,752,595	2,012,245
1973	813	35,059	682	24,683	96,620	17,691	3.86	546.15	4.60	1,787,169	2,095,330
1974	685	31,741	583	22,851	91,117	17,250	3.38	528.21	3.97	1,846,870	2,178,530
1975	674	32,802	578	23,082	94,825	17,853	3.24	531.14	3.78	1,865,754	2,250,417
1976	785	34,096	663	24,218	98,000	18,441	3.60	531.42	4.26	1,959,150	2,300,721
1977	640	32,289	561	22,358	87,771	19,028	2.95	461.27	3.36	2,085,647	2,356,327
1978	650	31,631	563	21,651	91,213	19,467	2.89	468.55	3.34	2,398,656	2,474,790
1979	655	29,972	566	20,727	86,969	18,959	2.99	458.72	3.45	2,419,501	2,540,547
1980	626	29,100	541	20,280	77,800	18,305	2.96	425.02	3.42	2,408,793	2,554,379
1981	612	28,776	529	19,945	68,263	18,715	2.83	364.75	3.27	2,472,614	2,592,604
1982	480	25,905	431	17,933	61,549	19,391	2.22	317.41	2.48	1,977,911	2,577,994
1983	510	26,050	434	18,049	61,190	19,712	2.20	310.42	2.59	1,998,982	2,542,267
1984	420	27,868	376	19,378	62,818	20,481	1.84	306.71	2.05	2,000,085	2,655,529
1985	473	26,988	415	18,752	63,624	20,104	2.06	316.47	2.35	1,970,272	2,796,172
1986	441	26,669	388	18,522	61,683	20,481	1.89	301.17	2.15	1,949,108	2,841,138
1987	491	27,074	443	18,695	63,458	20,824	2.13	304.73	2.36	1,897,495	2,892,994
1988	557	27,578	494	19,123	67,901	21,834	2.26	310.99	2.55	1,940,463	2,701,924
1989	515	29,597	452	20,612	70,716	22,509	2.01	314.17	2.29	1,976,726	2,730,604
1990	464	30,222	403	20,577	71,792	23,164	1.74	309.93	2.00	1,922,750	2,771,940
1991	488	29,663	423	20,034	71,271	23,571	1.79	302.37	2.07	1,963,975	2,802,036
1992	436	33,876	387	23,012	69,261	24,411	1.59	283.73	1.79	2,025,592	2,830,151
1993	457	35,510	399	24,503	73,608	25,396	1.57	289.84	1.80	2,041,713	2,851,302
1994	479	36,315	416	24,763	74,048	26,434	1.57	280.12	1.81	2,060,651	2,885,112
1995	527	38,992	446	26,213	76,203	26,687	1.67	285.54	1.97	2,070,341	2,920,666
1996	465	38,562	411	25,297	78,357	27,332	1.50	286.69	1.70	2,069,241	2,946,853
1997	468	39,513	411	25,511	71,512	27,990	1.47	255.49	1.67	2,069,792	3,027,355
1998	449	37,652	386	24,471	64,041	29,191	1.32	219.39	1.54	2,091,491	3,083,476
1999	490	36,920	428	23,932	64,485	29,726	1.44	216.93	1.65	2,091,688	3,070,856
2000	445	36,476	394	23,763	64,361	29,820	1.32	215.83	1.49	2,096,867	3,124,768

NOTE: All crash figures for 1976, except for fatal crashes, are estimated because of missing data.
 Beginning in 1978, motor vehicle registrations excludes official vehicles, trailers, travel trailers, miscellaneous vehicles and trucks licensed to more than one state.
 Beginning with 1979, figures for fatalities and fatal crashes are based on persons who died within 30 days of the crash.
 Beginning in 1987, the drop in number of licensed drivers is due to more accurate methods of computation and multiple licenses only counted once.

40-Year Iowa Fatalities

40-Year Iowa Fatalities



National Crash Statistics

National Statistics—Fatal Crashes

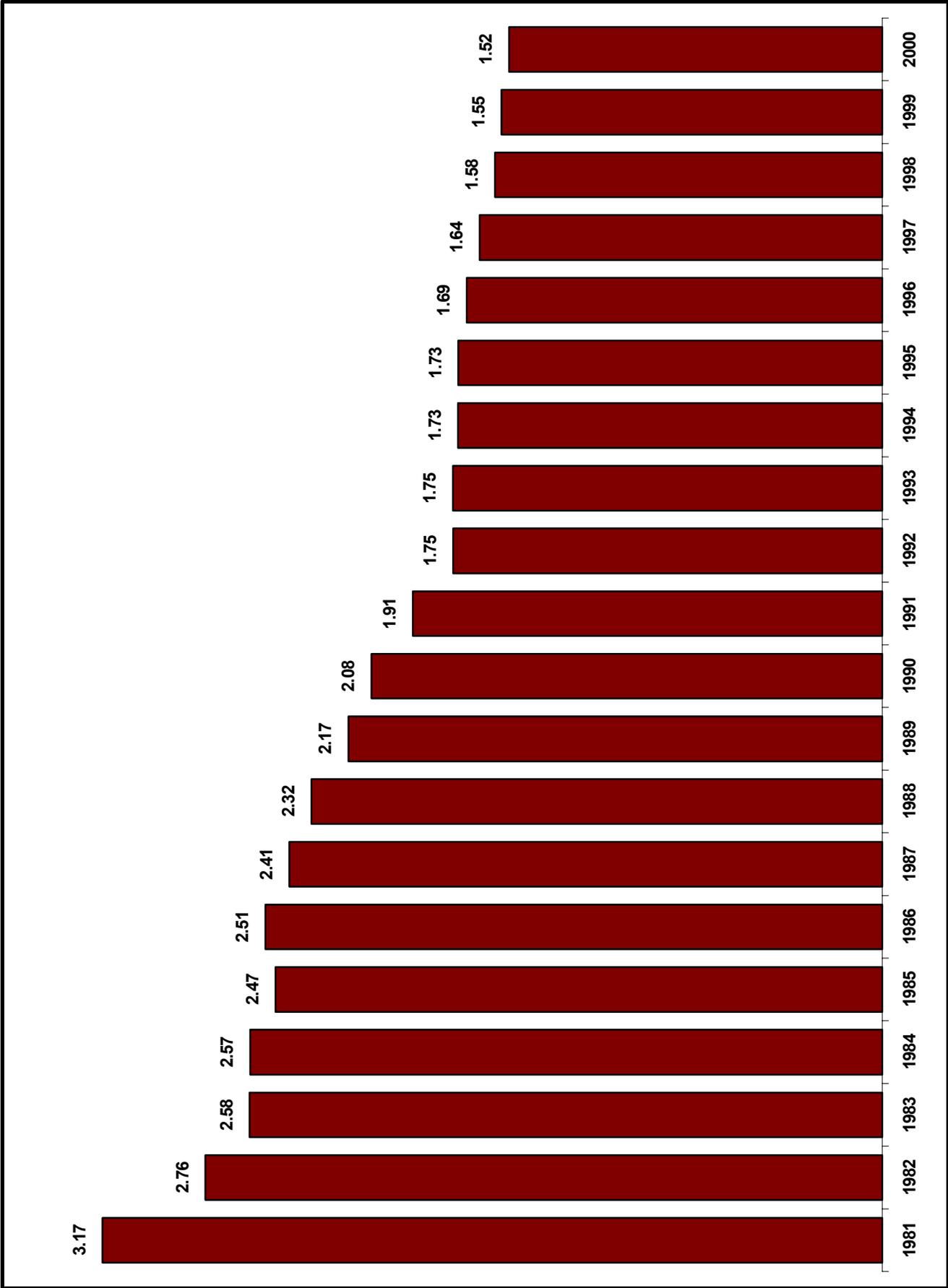
Year	Fatalities	Fatal Crashes	Resident Population (Thousands)	Fatality Rate per 100,000 Population	Licensed Drivers	Fatality Rate per 100,000 Licensed Drivers	Motor Vehicle Registrations (Thousands)	Fatality Rate per 100,000 Registered Vehicles	Vehicle Miles Traveled	Fatality Rate per 100 Million Vehicle Miles Traveled
1981	49,301	44,000	229,466	21.49	147,075	33.52	149,330	33.01	1,553	3.17
1982	43,945	39,092	231,664	18.97	150,234	29.25	151,148	29.07	1,595	2.76
1983	42,589	37,976	233,792	18.22	154,289	27.60	162,830	26.16	1,653	2.58
1984	44,257	39,631	235,825	18.77	155,424	28.48	158,900	27.85	1,720	2.57
1985	43,825	39,168	237,924	18.42	156,868	27.94	166,047	26.39	1,774	2.47
1986	46,087	41,090	240,133	19.19	159,487	28.90	168,545	27.34	1,835	2.51
1987	46,390	41,438	242,289	19.15	161,818	28.67	172,750	26.85	1,921	2.41
1988	47,087	42,130	244,499	19.26	162,853	28.91	177,455	26.53	2,026	2.32
1989	45,582	40,741	246,819	18.47	165,555	27.53	181,165	25.16	2,096	2.17
1990	44,599	39,836	249,464	17.88	167,015	26.70	184,275	24.20	2,144	2.08
1991	41,508	36,937	252,153	16.46	168,995	24.56	186,370	22.27	2,172	1.91
1992	39,250	34,942	255,030	15.39	173,125	22.67	184,938	21.22	2,247	1.75
1993	40,150	35,780	257,783	15.58	173,149	23.19	188,350	21.32	2,297	1.75
1994	40,716	36,254	260,327	15.64	175,403	23.21	192,497	21.15	2,358	1.73
1995	41,817	37,241	262,803	15.91	176,628	23.68	197,065	21.22	2,423	1.73
1996	42,065	37,494	265,229	15.86	179,539	23.43	201,631	20.86	2,486	1.69
1997	42,013	34,324	267,784	15.69	182,709	22.99	203,568	20.64	2,562	1.64
1998	41,501	37,107	270,248	15.36	184,980	22.44	208,076	19.95	2,632	1.58
1999	41,717	37,140	272,691	15.30	187,170	22.29	212,685	19.61	2,691	1.55
2000	41,821	37,409	274,634	15.23	190,625	21.94	217,028	19.27	2,750	1.52

National Statistics—Injury Crashes

Year	Injuries	Injury Crashes	Resident Population (Thousands)	Injury Rate per 100,000 Population	Licensed Drivers	Injury Rate per 100,000 Licensed Drivers	Motor Vehicle Registrations (Thousands)	Injury Rate per 100,000 Registered Vehicles	Vehicle Miles Traveled	Injury Rate per 100 Million Vehicle Miles Traveled
1990	3,231,000	2,122,000	249,464	1,295.18	167,015	1,934.56	184,275	1,753.36	2,144	150.70
1991	3,097,000	2,008,000	252,153	1,228.22	168,995	1,832.60	186,370	1,661.75	2,172	142.59
1992	3,070,000	1,991,000	255,030	1,203.78	173,125	1,773.29	184,938	1,660.02	2,247	136.63
1993	3,149,000	2,022,000	257,783	1,221.57	173,149	1,818.66	188,350	1,671.89	2,297	137.09
1994	3,266,000	2,123,000	260,327	1,254.58	175,403	1,862.00	192,497	1,696.65	2,358	138.51
1995	3,465,000	2,217,000	262,803	1,318.48	176,628	1,961.75	197,065	1,758.30	2,423	143.00
1996	3,483,000	2,238,000	265,229	1,313.20	179,539	1,939.97	201,631	1,727.41	2,486	140.10
1997	3,348,000	2,149,000	267,784	1,250.26	182,709	1,832.42	203,568	1,644.66	2,562	130.68
1998	3,192,000	2,029,000	270,248	1,181.14	184,980	1,725.59	208,076	1,534.05	2,632	121.28
1999	3,236,000	2,054,000	272,691	1,186.69	187,170	1,728.91	212,685	1,521.50	2,691	120.25
2000	3,189,000	2,070,000	274,634	1,161.18	190,625	1,672.92	217,028	1,469.40	2,750	115.96

National Fatality Rate

National Fatality Rate
per 100 Million Miles Traveled



Who Was Involved in Crashes

Drivers Involved in Crashes by Age

Driver's Age	Licensed Drivers	Drivers Involved in All Crashes	Drivers Involved in Fatal Crashes	Crashes per 10,000 Drivers	Fatal Crashes per 10,000 Drivers	Percentage of Licensed Drivers	All Crashes Percentages	Fatal Crashes Percentage
Under 21								
14 & Under	17,973	230	0	128	0.00	0.86%	0.22%	0.00%
15	31,115	698	4	224	1.29	1.48%	0.65%	0.63%
16	36,708	5,083	19	1,385	5.18	1.75%	4.76%	2.97%
17	37,672	4,888	18	1,298	4.78	1.80%	4.57%	2.82%
18	38,704	4,779	27	1,235	6.98	1.85%	4.47%	4.23%
19	39,267	4,088	23	1,041	5.86	1.87%	3.82%	3.60%
20	38,392	3,654	13	952	3.39	1.83%	3.42%	2.03%
Total	239,831	23,420	104	977	4.34	11.44%	21.91%	16.28%
All Ages								
14 & Under	17,973	230	0	128	0.00	0.86%	0.22%	0.00%
15 to 24	363,982	34,132	176	938	4.84	17.36%	31.93%	27.54%
25 to 34	333,170	18,994	104	570	3.12	15.89%	17.77%	16.28%
35 to 44	411,779	18,807	105	457	2.55	19.64%	17.59%	16.43%
45 to 54	378,533	14,314	91	378	2.40	18.05%	13.39%	14.24%
55 to 64	245,300	8,203	58	334	2.36	11.70%	7.67%	9.08%
65 to 74	192,642	5,401	48	280	2.49	9.19%	5.05%	7.51%
75 & Over	153,488	4,531	52	295	3.39	7.32%	4.24%	8.14%
Unknown	N/A	2,277	5		N/A		2.13%	0.78%
Total	2,096,867	106,889	639	510	3.05	100.00%	100.00%	100.00%

Under age 21 percentages based on total for all ages

Drivers Involved in Crashes by Gender

Driver's Age	Licensed Drivers	Drivers Involved in All Crashes	Drivers Involved in Fatal Crashes	Crashes per 10,000 Drivers	Fatal Crashes per 10,000 Drivers	Percentage of Licensed Drivers	All Crashes Percentages	Fatal Crashes Percentage
Female	1,060,644	44,116	173	416	1.63	50.58%	41.27%	27.07%
Male	1,036,223	61,183	462	590	4.46	49.42%	57.24%	72.30%
Unknown	N/A	1,590	4		N/A		1.49%	0.63%
Total	2,096,867	106,889	639	510	3.05	100.00%	100.00%	100.00%

Who Was Involved in Crashes

Drivers Involved in Crashes by Age

Driver's Age	Licensed Drivers	Drivers Involved in All Crashes	Drivers Involved in Fatal Crashes	Crashes per 10,000 Drivers	Fatal Crashes per 10,000 Drivers	Percentage of Licensed Drivers	All Crashes Percentages	Fatal Crashes Percentage
Under 21								
14 & Under	17,973	230	0	128	0.00	0.86%	0.22%	0.00%
15	31,115	698	4	224	1.29	1.48%	0.65%	0.63%
16	36,708	5,083	19	1,385	5.18	1.75%	4.76%	2.97%
17	37,672	4,888	18	1,298	4.78	1.80%	4.57%	2.82%
18	38,704	4,779	27	1,235	6.98	1.85%	4.47%	4.23%
19	39,267	4,088	23	1,041	5.86	1.87%	3.82%	3.60%
20	38,392	3,654	13	952	3.39	1.83%	3.42%	2.03%
Total	239,831	23,420	104	977	4.34	11.44%	21.91%	16.28%
All Ages								
14 & Under	17,973	230	0	128	0.00	0.86%	0.22%	0.00%
15 to 24	363,982	34,132	176	938	4.84	17.36%	31.93%	27.54%
25 to 34	333,170	18,994	104	570	3.12	15.89%	17.77%	16.28%
35 to 44	411,779	18,807	105	457	2.55	19.64%	17.59%	16.43%
45 to 54	378,533	14,314	91	378	2.40	18.05%	13.39%	14.24%
55 to 64	245,300	8,203	58	334	2.36	11.70%	7.67%	9.08%
65 to 74	192,642	5,401	48	280	2.49	9.19%	5.05%	7.51%
75 & Over	153,488	4,531	52	295	3.39	7.32%	4.24%	8.14%
Unknown	N/A	2,277	5		N/A		2.13%	0.78%
Total	2,096,867	106,889	639	510	3.05	100.00%	100.00%	100.00%

Under age 21 percentages based on total for all ages

Drivers Involved in Crashes by Gender

Driver's Age	Licensed Drivers	Drivers Involved in All Crashes	Drivers Involved in Fatal Crashes	Crashes per 10,000 Drivers	Fatal Crashes per 10,000 Drivers	Percentage of Licensed Drivers	All Crashes Percentages	Fatal Crashes Percentage
Female	1,060,644	44,116	173	416	1.63	50.58%	41.27%	27.07%
Male	1,036,223	61,183	462	590	4.46	49.42%	57.24%	72.30%
Unknown	N/A	1,590	4		N/A		1.49%	0.63%
Total	2,096,867	106,889	639	510	3.05	100.00%	100.00%	100.00%

Who Was Involved in Crashes

Drivers Involved in Crashes by Age

Driver's Age	Licensed Drivers	Drivers Involved in All Crashes	Drivers Involved in Fatal Crashes	Crashes per 10,000 Drivers	Fatal Crashes per 10,000 Drivers	Percentage of Licensed Drivers	All Crashes Percentages	Fatal Crashes Percentage
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15	31,115	698	4	224	1.29	1.48%	0.65%	0.63%
16	36,708	5,083	19	1,385	5.18	1.75%	4.76%	2.97%
17	37,672	4,888	18	1,298	4.78	1.80%	4.57%	2.82%
18	38,704	4,779	27	1,235	6.98	1.85%	4.47%	4.23%
19	39,267	4,088	23	1,041	5.86	1.87%	3.82%	3.60%
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Total	2,096,867	106,889	639	510	3.05	100.00%	100.00%	100.00%

Under age 21 percentages based on total for all ages

Drivers Involved in Crashes by Gender

Driver's Age	Licensed Drivers	Drivers Involved in All Crashes	Drivers Involved in Fatal Crashes	Crashes per 10,000 Drivers	Fatal Crashes per 10,000 Drivers	Percentage of Licensed Drivers	All Crashes Percentages	Fatal Crashes Percentage
Female	1,060,644	44,116	173	416	1.63	50.58%	41.27%	27.07%
Male	1,036,223	61,183	462	590	4.46	49.42%	57.24%	72.30%
Unknown	N/A	1,590	4		N/A		1.49%	0.63%
Total	2,096,867	106,889	639	510	3.05	100.00%	100.00%	100.00%

Who Was Involved in Crashes

Drivers Involved in Crashes by Age

Driver's Age	Licensed Drivers	Drivers Involved in All Crashes	Drivers Involved in Fatal Crashes	Crashes per 10,000 Drivers	Fatal Crashes per 10,000 Drivers	Percentage of Licensed Drivers	All Crashes Percentages	Fatal Crashes Percentage
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18	38,704	4,779	27	1,235	6.98	1.85%	4.47%	4.23%
19	39,267	4,088	23	1,041	5.86	1.87%	3.82%	3.60%
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Total	239,831	23,420	104	977	4.34	11.44%	21.91%	16.28%
All Ages								
14 & Under	17,973	230	0	128	0.00	0.86%	0.22%	0.00%
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45 to 54	378,533	14,314	91	378	2.40	18.05%	13.39%	14.24%
55 to 64	245,300	8,203	58	334	2.36	11.70%	7.67%	9.08%
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75 & Over	153,488	4,531	52	295	3.39	7.32%	4.24%	8.14%
Unknown	N/A	2,277	5		N/A		2.13%	0.78%
Total	2,096,867	106,889	639	510	3.05	100.00%	100.00%	100.00%

Under age 21 percentages based on total for all ages

Drivers Involved in Crashes by Gender

Driver's Age	Licensed Drivers	Drivers Involved in All Crashes	Drivers Involved in Fatal Crashes	Crashes per 10,000 Drivers	Fatal Crashes per 10,000 Drivers	Percentage of Licensed Drivers	All Crashes Percentages	Fatal Crashes Percentage
Female	1,060,644	44,116	173	416	1.63	50.58%	41.27%	27.07%
Male	1,036,223	61,183	462	590	4.46	49.42%	57.24%	72.30%
Unknown	N/A	1,590	4		N/A		1.49%	0.63%
Total	2,096,867	106,889	639	510	3.05	100.00%	100.00%	100.00%

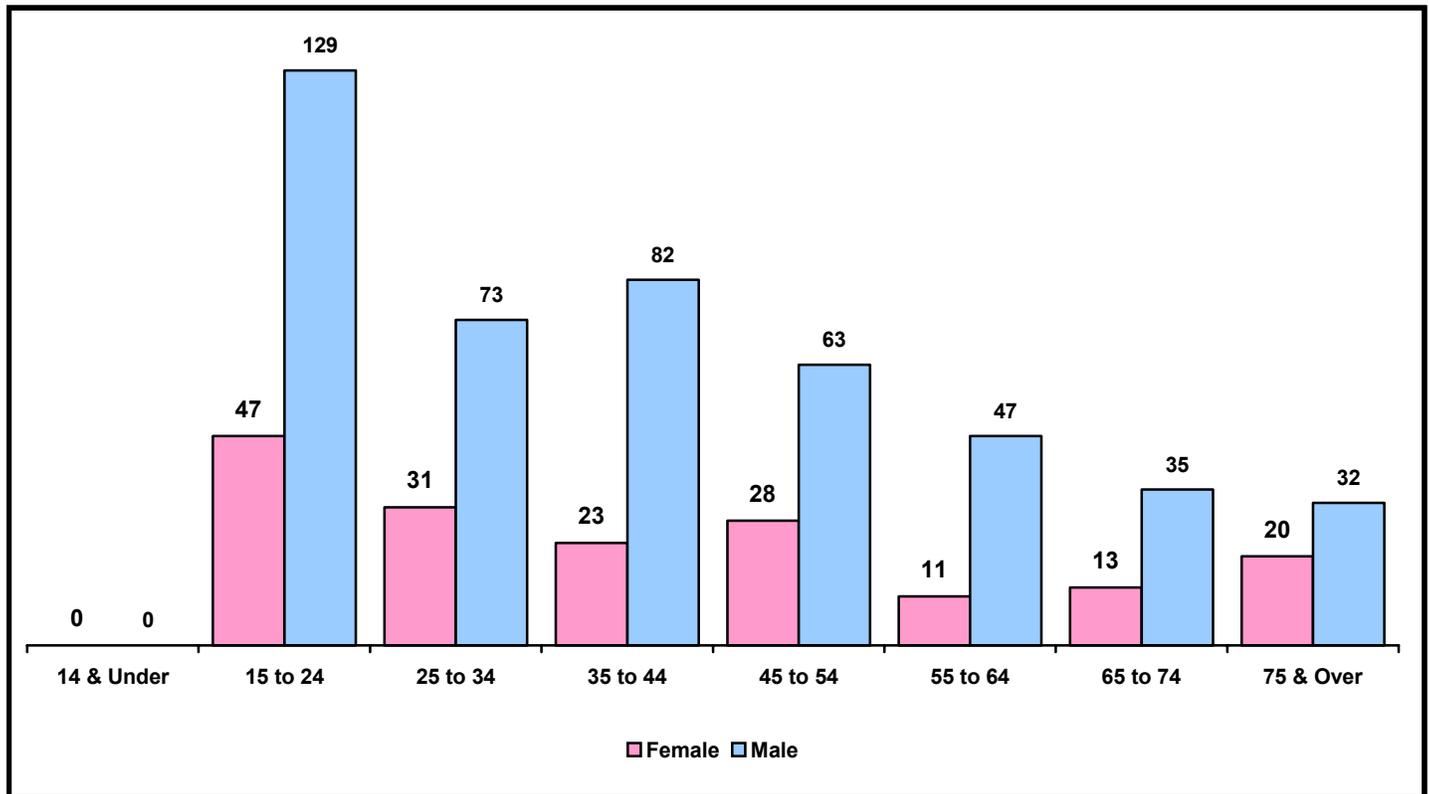
Who Was Involved in Crashes

Drivers Involved in Crashes by Age & Crash Severity

Driver's Age	Fatal Crashes		Injury Crashes		Property Crashes		All Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under 21								
14 & Under	0	0.00%	133	0.31%	97	0.15%	230	0.22%
15	4	0.63%	293	0.69%	401	0.63%	698	0.65%
16	19	2.97%	2,141	5.06%	2,923	4.57%	5,083	4.76%
17	18	2.82%	1,976	4.67%	2,894	4.53%	4,888	4.57%
18	27	4.23%	1,960	4.63%	2,792	4.37%	4,779	4.47%
19	23	3.60%	1,683	3.98%	2,382	3.72%	4,088	3.82%
20	13	2.03%	1,520	3.59%	2,121	3.32%	3,654	3.42%
Total	104	16.28%	9,706	22.95%	13,610	21.28%	23,420	21.91%
All Ages								
14 & Under	0	0.00%	133	0.31%	97	0.15%	230	0.22%
15 to 24	176	27.54%	13,988	33.07%	19,968	31.22%	34,132	31.93%
25 to 34	104	16.28%	7,754	18.33%	11,136	17.41%	18,994	17.77%
35 to 44	105	16.43%	7,545	17.84%	11,157	17.45%	18,807	17.59%
45 to 54	91	14.24%	5,477	12.95%	8,746	13.68%	14,314	13.39%
55 to 64	58	9.08%	3,049	7.21%	5,096	7.97%	8,203	7.67%
65 to 74	48	7.51%	2,000	4.73%	3,353	5.24%	5,401	5.05%
75 & Over	52	8.14%	1,744	4.12%	2,735	4.28%	4,531	4.24%
Unknown	5	0.78%	609	1.44%	1,663	2.60%	2,277	2.13%
Total	639	100.00%	42,299	100.00%	63,951	100.00%	106,889	100.00%

Under age 21 percentages based on total for all ages

Drivers Involved in Fatal Crashes by Age & Gender



Does not include drivers whose age or gender was unknown.

Who Was Involved in Crashes

Fatalities by Age & Gender

Age	Female		Male		Total	
	Number	Percent	Number	Percent	Number	Percent
Under 21						
14 & Under	8	5.33%	14	4.75%	22	4.94%
15	4	2.67%	3	1.02%	7	1.57%
16	6	4.00%	6	2.03%	12	2.70%
17	3	2.00%	13	4.41%	16	3.60%
18	4	2.67%	19	6.44%	23	5.17%
19	4	2.67%	20	6.78%	24	5.39%
20	2	1.33%	9	3.05%	11	2.47%
Total	31	20.67%	84	28.47%	115	25.84%
All Ages						
14 & Under	8	5.33%	14	4.75%	22	4.94%
15 to 24	35	23.33%	100	33.90%	135	30.34%
25 to 34	20	13.33%	46	15.59%	66	14.83%
35 to 44	9	6.00%	35	11.86%	44	9.89%
45 to 54	21	14.00%	31	10.51%	52	11.69%
55 to 64	16	10.67%	21	7.12%	37	8.31%
65 to 74	13	8.67%	20	6.78%	33	7.42%
75 & Over	28	18.67%	28	9.49%	56	12.58%
Unknown	0	0.00%	0	0.00%	0	0.00%
Total	150	100.00%	295	100.00%	445	100.00%

Under age 21 percentages based on total for all ages.

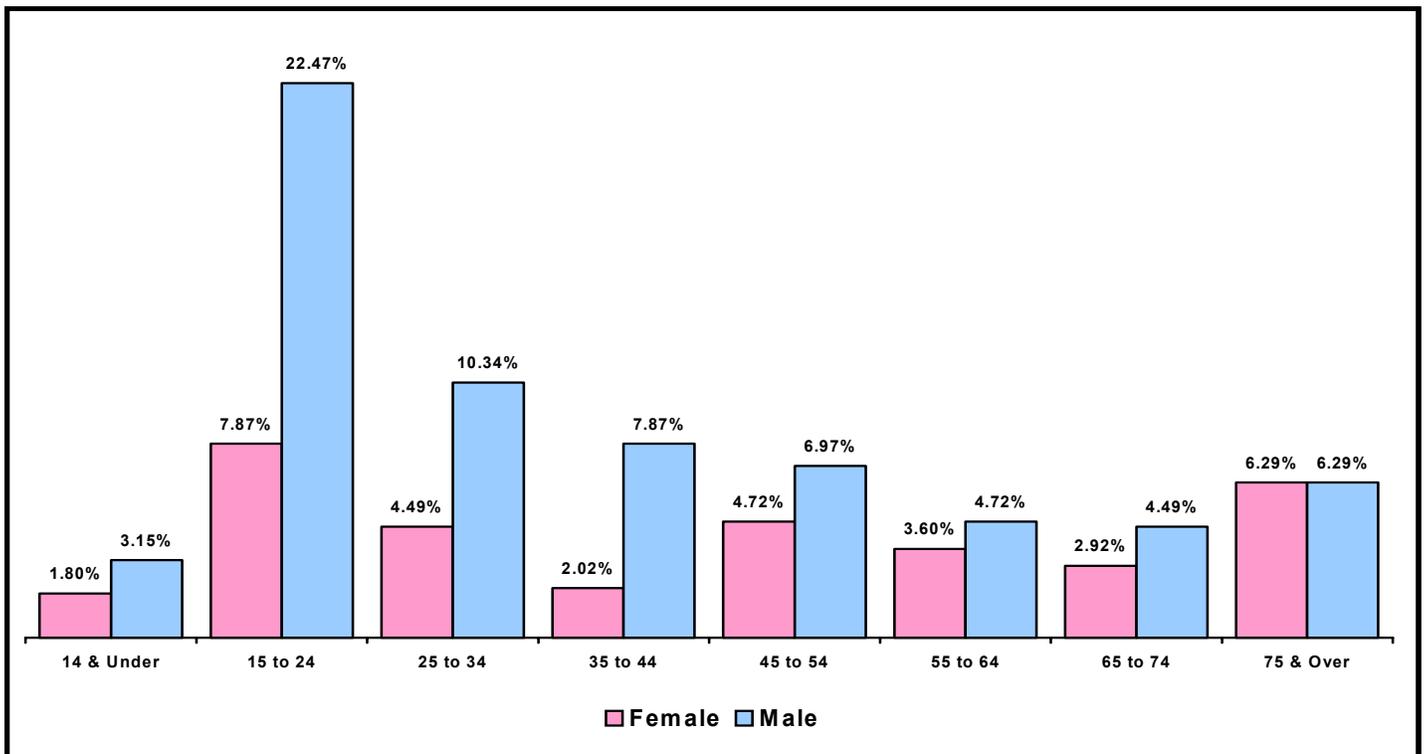
Injuries by Age & Gender

Age	Female		Male		Total	
	Number	Percent	Number	Percent	Number	Percent
Under 21						
14 & Under	1,746	8.85%	1,697	10.41%	3,443	9.56%
15	471	2.39%	305	1.87%	776	2.15%
16	1,021	5.18%	707	4.34%	1,728	4.80%
17	923	4.68%	708	4.34%	1,631	4.53%
18	814	4.13%	771	4.73%	1,585	4.40%
19	682	3.46%	627	3.84%	1,309	3.63%
20	669	3.39%	572	3.51%	1,241	3.44%
Total	6,326	32.07%	5,387	33.03%	11,713	32.51%
All Ages						
14 & Under	1,746	8.85%	1,697	10.41%	3,443	9.56%
15 to 24	6,376	32.33%	5,295	32.47%	11,671	32.39%
25 to 34	3,102	15.73%	2,544	15.60%	5,646	15.67%
35 to 44	2,982	15.12%	2,427	14.88%	5,409	15.01%
45 to 54	2,155	10.93%	1,775	10.88%	3,930	10.91%
55 to 64	1,205	6.11%	978	6.00%	2,183	6.06%
65 to 74	801	4.06%	653	4.00%	1,454	4.04%
75 & Over	772	3.91%	539	3.31%	1,311	3.64%
Unknown	585	2.97%	399	2.45%	984	2.73%
Total	19,724	100.00%	16,307	100.00%	36,031	100.00%

Under age 21 percentages based on total for all ages.

Fatalities by Age/Gender

Percentages based on total fatalities

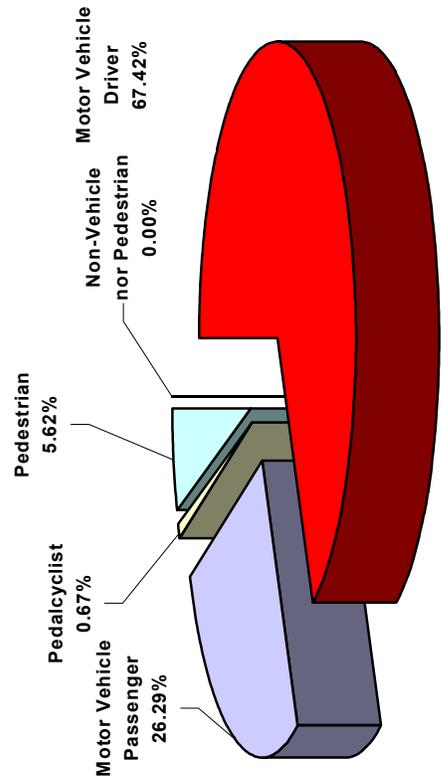


Who Was Involved in Crashes

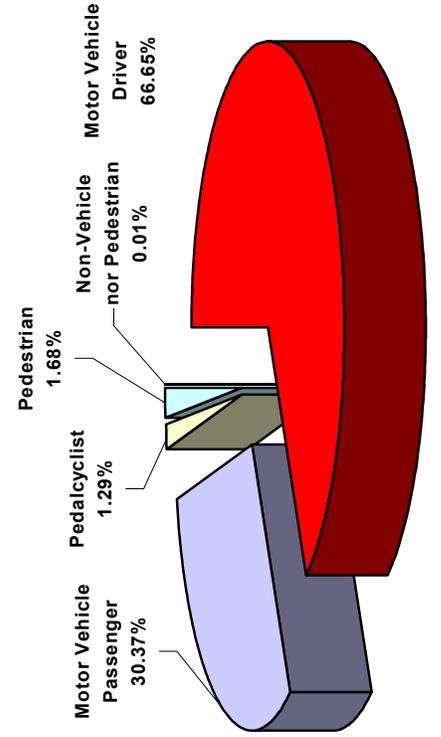
Who Was Injured by Position & Severity

Position	Fatal		Major (Incapacitating)		Minor (Bruises & Abrasions)		Possible (Complaint of Pain)		Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Driver	272	61.12%	2,100	58.58%	8,350	62.05%	12,559	67.77%	294	64.33%	23,575	64.63%
Front Seat Passenger	81	18.20%	697	19.44%	2,807	20.86%	3,963	21.38%	88	19.26%	7,636	20.93%
Back Seat Passenger	18	4.04%	216	6.03%	839	6.24%	1,100	5.94%	46	10.07%	2,219	6.08%
Third Seat or Bus Passenger	7	1.57%	84	2.34%	278	2.07%	335	1.81%	6	1.31%	710	1.95%
Riding on Vehicle Exterior	3	0.67%	6	0.17%	24	0.18%	12	0.06%	2	0.44%	47	0.13%
Unknown Vehicle Occupant	4	0.90%	12	0.33%	43	0.32%	60	0.32%	4	0.88%	123	0.34%
Motorcycle/Moped Driver	28	6.29%	257	7.17%	359	2.67%	91	0.49%	3	0.66%	738	2.02%
Motorcycle/Moped Passenger	4	0.90%	48	1.34%	62	0.46%	16	0.09%	0	0.00%	130	0.36%
Pedalcyclist	3	0.67%	53	1.48%	309	2.30%	100	0.54%	4	0.88%	469	1.29%
Bus Passenger	0	0.00%	2	0.06%	78	0.58%	114	0.62%	0	0.00%	194	0.53%
Pedestrian	25	5.62%	110	3.07%	306	2.27%	179	0.97%	10	2.19%	630	1.73%
Non-Vehicle/Pedestrian	0	0.00%	0	0.00%	1	0.01%	4	0.02%	0	0.00%	5	0.01%
Total	445	100.00%	3,585	100.00%	13,456	100.00%	18,533	100.00%	457	100.00%	36,476	100.00%

Who Was Killed by Position



Who Was Injured by Position



Motor Vehicle/Pedestrian Crashes

Summary of Motor Vehicle/Pedestrian Crashes

Crashes			Fatalities			Injuries		
Fatal	Injury	Total	Vehicle Occupants	Pedestrians	Total	Vehicle Occupants	Pedestrians	Total
25	580	605	0	25	25	30	605	635

Pedestrian Injury Severity

Pedestrian Severity	Number	Percent
Fatal	25	3.97%
Major (Incapacitating)	110	17.46%
Minor (Bruises & Abrasions)	306	48.57%
Possible (Complaint of Pain)	179	28.41%
Unknown	10	1.59%
Total	630	100.00%



Pedestrian Fatalities & Injuries by Gender

Pedestrian's Gender	Pedestrians					
	Fatalities		Injuries		Total	
	Number	Percent	Number	Percent	Number	Percent
Female	9	36.00%	281	46.45%	290	46.03%
Male	16	64.00%	324	53.55%	340	53.97%
Total	25	100.00%	605	100.00%	630	100.00%

Pedestrian Fatalities & Injuries by Age

Pedestrian's Age	Pedestrians					
	Fatalities		Injuries		Total	
	Number	Percent	Number	Percent	Number	Percent
Under 21						
14 & Under	4	16.00%	222	36.69%	226	35.87%
15	0	0.00%	13	2.15%	13	2.06%
16	1	4.00%	18	2.98%	19	3.02%
17	0	0.00%	15	2.48%	15	2.38%
18	0	0.00%	13	2.15%	13	2.06%
19	0	0.00%	15	2.48%	15	2.38%
20	1	4.00%	13	2.15%	14	2.22%
Total Under 21	6	24.00%	309	51.07%	315	50.00%
All Ages						
14 & Under	4	16.00%	222	36.69%	226	35.87%
15 to 24	3	12.00%	114	18.84%	117	18.57%
25 to 34	3	12.00%	44	7.27%	47	7.46%
35 to 44	3	12.00%	57	9.42%	60	9.52%
45 to 54	0	0.00%	43	7.11%	43	6.83%
55 to 64	4	16.00%	32	5.29%	36	5.71%
65 to 74	5	20.00%	26	4.30%	31	4.92%
75 & Over	3	12.00%	30	4.96%	33	5.24%
Unknown	0	0.00%	37	6.12%	37	5.87%
Total	25	100.00%	605	100.00%	630	100.00%

Total percentages for under age 21 are based on total for all ages.

Pedestrian Fatalities & Injuries by Condition

Pedestrian Condition	Pedestrians					
	Fatalities		Injuries		Total	
	Number	Percent	Number	Percent	Number	Percent
Apparently Normal	7	28.00%	301	49.75%	308	48.89%
Drinking-Not Impaired	1	4.00%	11	1.82%	12	1.90%
Drinking-Impaired	2	8.00%	20	3.31%	22	3.49%
Unknown	15	60.00%	273	45.12%	288	45.71%
Total	25	100.00%	605	100.00%	630	100.00%

Motor Vehicle/Pedestrian Crashes

Pedestrian Fatalities & Injuries by Pedestrian Action

Pedestrian Action	Pedestrians					
	Fatalities		Injuries		Total	
	Number	Percent	Number	Percent	Number	Percent
Crossing Against Signal	0	0.00%	13	2.15%	13	2.06%
Crossing, Non-Crosswalk	4	16.00%	97	16.03%	101	16.03%
Walking on Roadway	2	8.00%	14	2.31%	16	2.54%
Walking with Traffic	1	4.00%	13	2.15%	14	2.22%
Walking Against Traffic	0	0.00%	8	1.32%	8	1.27%
Crossing with Signal	0	0.00%	29	4.79%	29	4.60%
Crossing in Crosswalk	1	4.00%	62	10.25%	63	10.00%
From Between Parked Cars	0	0.00%	21	3.47%	21	3.33%
Ran onto Road	2	8.00%	65	10.74%	67	10.63%
Directing Traffic	0	0.00%	1	0.17%	1	0.16%
Playing on Road	1	4.00%	16	2.64%	17	2.70%
Lying/Sitting on Road	1	4.00%	2	0.33%	3	0.48%
Pushing/Working on Vehicle	3	12.00%	11	1.82%	14	2.22%
Getting On/Off Vehicle	0	0.00%	15	2.48%	15	2.38%
Construction Zone	0	0.00%	5	0.83%	5	0.79%
Walking - Off Road	1	4.00%	9	1.49%	10	1.59%
Unknown	9	36.00%	224	37.02%	233	36.98%
Total	25	100.00%	605	100.00%	630	100.00%

Pedestrian Fatalities & Injuries by Color of Clothing

Pedestrian's Color of Clothing	Pedestrians					
	Fatalities		Injuries		Total	
	Number	Percent	Number	Percent	Number	Percent
Generally Light	11	44.00%	149	24.63%	160	25.40%
Generally Dark	9	36.00%	193	31.90%	202	32.06%
Unknown	5	20.00%	263	43.47%	268	42.54%
Total	25	100.00%	605	100.00%	630	100.00%

Driver's Physical Condition in Pedestrian Crashes

Driver's Physical Condition	Drivers					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
Apparently Normal	22	81.48%	464	80.98%	486	81.00%
Physical Defect	0	0.00%	0	0.00%	0	0.00%
Fatigue	0	0.00%	1	0.17%	1	0.17%
Apparently Asleep	0	0.00%	0	0.00%	0	0.00%
Illness	0	0.00%	2	0.35%	2	0.33%
Under Medication	0	0.00%	0	0.00%	0	0.00%
Infirmities of Age	1	3.70%	6	1.05%	7	1.17%
Drinking-Not Impaired	1	3.70%	8	1.40%	9	1.50%
Drinking-Impaired	1	3.70%	15	2.62%	16	2.67%
Drugs	0	0.00%	0	0.00%	0	0.00%
Other	0	0.00%	3	0.52%	3	0.50%
Unknown	2	7.41%	74	12.91%	76	12.67%
Total	27	100.00%	573	100.00%	600	100.00%

NOTE: More than one driver may be involved in a pedestrian crash.

Motor Vehicle/Pedestrian Crashes

Driver/Vehicle Related Contributing Circumstances in Pedestrian Crashes

Driver/Vehicle Related Contributing Circumstances	Drivers/Vehicles					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
None Apparent	15	45.45%	277	39.29%	292	39.57%
Ran Traffic Signal	0	0.00%	3	0.43%	3	0.41%
Ran Stop Sign	0	0.00%	3	0.43%	3	0.41%
Passed Stopped School Bus	0	0.00%	1	0.14%	1	0.14%
Improper Passing	1	3.03%	0	0.00%	1	0.14%
Left of Center, Not Passing	0	0.00%	1	0.14%	1	0.14%
FTYROW at Intersection	0	0.00%	1	0.14%	1	0.14%
FTYROW from Stop Sign	0	0.00%	1	0.14%	1	0.14%
FTYROW from Yield Sign	0	0.00%	0	0.00%	0	0.00%
FTYROW Making Left Turn	0	0.00%	1	0.14%	1	0.14%
FTYROW from Driveway	0	0.00%	2	0.28%	2	0.27%
FTYROW from Parked	0	0.00%	0	0.00%	0	0.00%
FTYROW to Pedestrian	0	0.00%	92	13.05%	92	12.47%
FTYROW Other	0	0.00%	0	0.00%	0	0.00%
Wrong Way/One-Way	0	0.00%	2	0.28%	2	0.27%
Too Fast for Conditions	1	3.03%	4	0.57%	5	0.68%
Exceeding Speed Limit	1	3.03%	5	0.71%	6	0.81%
Drag Racing	0	0.00%	0	0.00%	0	0.00%
Improper Turn	0	0.00%	0	0.00%	0	0.00%
Improper Lane Change	0	0.00%	0	0.00%	0	0.00%
Following Too Close	0	0.00%	1	0.14%	1	0.14%
No/Improper Signal	0	0.00%	0	0.00%	0	0.00%
Disregarded Railroad Signal	0	0.00%	0	0.00%	0	0.00%
Disregarded Warning Signal	0	0.00%	1	0.14%	1	0.14%
Reckless Driving	0	0.00%	9	1.28%	9	1.22%
Improper Backing	0	0.00%	7	0.99%	7	0.95%
Illegal/Improper Parking	1	3.03%	5	0.71%	6	0.81%
Failure to Control Vehicle	1	3.03%	23	3.26%	24	3.25%
Headlights Not On	0	0.00%	0	0.00%	0	0.00%
Inattentive/Distracted	0	0.00%	36	5.11%	36	4.88%
Confused	1	3.03%	5	0.71%	6	0.81%
Vision Obscured	3	9.09%	41	5.82%	44	5.96%
Oversized/Loaded Vehicle	0	0.00%	2	0.28%	2	0.27%
Inexperienced Driver	0	0.00%	8	1.13%	8	1.08%
Other	3	9.09%	44	6.24%	47	6.37%
Unknown	6	18.18%	130	18.44%	136	18.43%
Total	33	100.00%	705	100.00%	738	100.00%

Up to two circumstances may be listed for each driver/vehicle in a crash.

Motor Vehicle/Pedestrian Crashes

Vehicle Action in Pedestrian Crashes

Vehicle Action	Vehicles					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
Going Straight	25	80.65%	388	59.24%	413	60.20%
Turning Left	0	0.00%	73	11.15%	73	10.64%
Turning Right	0	0.00%	43	6.56%	43	6.27%
Making U-Turn	0	0.00%	1	0.15%	1	0.15%
Passing	0	0.00%	2	0.31%	2	0.29%
Changing Lanes	0	0.00%	2	0.31%	2	0.29%
Merging	0	0.00%	0	0.00%	0	0.00%
Parking	0	0.00%	6	0.92%	6	0.87%
Slowing/Stopping	0	0.00%	10	1.53%	10	1.46%
Backing	0	0.00%	30	4.58%	30	4.37%
Stopped for Sign/Signal	0	0.00%	3	0.46%	3	0.44%
Stopped in Traffic	0	0.00%	9	1.37%	9	1.31%
Stalled in Traffic	1	3.23%	1	0.15%	2	0.29%
Properly Parked	2	6.45%	22	3.36%	24	3.50%
Improperly Parked	0	0.00%	6	0.92%	6	0.87%
Unattended Moving Vehicle	0	0.00%	3	0.46%	3	0.44%
Other	3	9.68%	14	2.14%	17	2.48%
Unknown	0	0.00%	42	6.41%	42	6.12%
Total	31	100.00%	655	100.00%	686	100.00%

NOTE: More than one vehicle may be involved in a pedestrian crash.

Vehicle's Posted Speed Limit in Pedestrian Crashes

Posted Speed Limit	Vehicles					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
Under 25 mph	0	0.00%	42	6.41%	42	6.12%
25 mph	6	19.35%	273	41.68%	279	40.67%
30 mph	3	9.68%	69	10.53%	72	10.50%
35 mph	6	19.35%	59	9.01%	65	9.48%
40 mph	0	0.00%	10	1.53%	10	1.46%
45 mph	0	0.00%	6	0.92%	6	0.87%
50 mph	0	0.00%	6	0.92%	6	0.87%
55 mph	9	29.03%	17	2.60%	26	3.79%
60 mph	0	0.00%	0	0.00%	0	0.00%
65 mph	2	6.45%	4	0.61%	6	0.87%
Unknown	5	16.13%	169	25.80%	174	25.36%
Total	31	100.00%	655	100.00%	686	100.00%

NOTE: More than one vehicle may be involved in a pedestrian crash.

Motor Vehicle/Pedestrian Crashes

Vehicle's Traffic Controls in Pedestrian Crashes

Traffic Controls	Vehicles					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
No Controls	28	90.32%	442	67.48%	470	68.51%
Signals	1	3.23%	116	17.71%	117	17.06%
Stop Signs	0	0.00%	40	6.11%	40	5.83%
Yield Signs	0	0.00%	1	0.15%	1	0.15%
Warning Signs	1	3.23%	0	0.00%	1	0.15%
School Signals	0	0.00%	1	0.15%	1	0.15%
No Passing Zones	1	3.23%	2	0.31%	3	0.44%
School Stop Signs	0	0.00%	1	0.15%	1	0.15%
School Bus Stop Arms	0	0.00%	0	0.00%	0	0.00%
Railroad Signs	0	0.00%	0	0.00%	0	0.00%
Railroad Signals	0	0.00%	1	0.15%	1	0.15%
Railroad Crossing Gates	0	0.00%	0	0.00%	0	0.00%
Peace Officer	0	0.00%	0	0.00%	0	0.00%
Non-Functioning Signals	0	0.00%	1	0.15%	1	0.15%
Other	0	0.00%	6	0.92%	6	0.87%
Unknown	0	0.00%	44	6.72%	44	6.41%
Total	31	100.00%	655	100.00%	686	100.00%

NOTE: More than one vehicle may be involved in a pedestrian crash.

Location on Roadway in Pedestrian Crashes

Location on Roadway	Crashes					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
On Roadway	20	80.00%	517	89.14%	537	88.76%
Shoulder	1	4.00%	20	3.45%	21	3.47%
Median	0	0.00%	1	0.17%	1	0.17%
Roadside or Ditch	3	12.00%	12	2.07%	15	2.48%
Outside Right of Way	1	4.00%	24	4.14%	25	4.13%
Unknown	0	0.00%	6	1.03%	6	0.99%
Total	25	100.00%	580	100.00%	605	100.00%

Light Conditions in Pedestrian Crashes

Light Conditions	Crashes					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
Daylight	8	32.00%	404	69.66%	412	68.10%
Dusk	2	8.00%	15	2.59%	17	2.81%
Dawn	1	4.00%	11	1.90%	12	1.98%
Darkness, Lighted	6	24.00%	108	18.62%	114	18.84%
Darkness, Not Lighted	8	32.00%	40	6.90%	48	7.93%
Unknown	0	0.00%	2	0.34%	2	0.33%
Total	25	100.00%	580	100.00%	605	100.00%

Motor Vehicle/Pedestrian Crashes

Rural/Urban Classification in Pedestrian Crashes

Rural/Urban	Crashes					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
Rural	5	20.00%	0	0.00%	5	0.83%
Urban	4	16.00%	0	0.00%	4	0.66%
Other	16	64.00%	580	100.00%	596	98.51%
Total	25	100.00%	580	100.00%	605	100.00%

Time of Day in Pedestrian Crashes

Time of Day	Crashes					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
Midnight to 2:59 a.m.	6	24.00%	23	3.97%	29	4.79%
3:00 a.m. to 5:59 a.m.	0	0.00%	9	1.55%	9	1.49%
6:00 a.m. to 8:59 a.m.	3	12.00%	58	10.00%	61	10.08%
9:00 a.m. to 11:59 a.m.	0	0.00%	58	10.00%	58	9.59%
Noon to 2:59 p.m.	2	8.00%	95	16.38%	97	16.03%
3:00 p.m. to 5:59 p.m.	6	24.00%	167	28.79%	173	28.60%
6:00 p.m. to 8:59 p.m.	5	20.00%	119	20.52%	124	20.50%
9:00 p.m. to 11:59 p.m.	3	12.00%	48	8.28%	51	8.43%
Unknown	0	0.00%	3	0.52%	3	0.50%
Total	25	100.00%	580	100.00%	605	100.00%

Weather Conditions in Pedestrian Crashes

Weather Conditions	Crashes					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
Clear	18	62.07%	377	60.03%	395	60.12%
Cloudy	5	17.24%	154	24.52%	159	24.20%
Fog	1	3.45%	5	0.80%	6	0.91%
Mist	1	3.45%	10	1.59%	11	1.67%
Rain	1	3.45%	33	5.25%	34	5.18%
Sleet/Hail	0	0.00%	2	0.32%	2	0.30%
Snow	1	3.45%	14	2.23%	15	2.28%
Strong Wind	1	3.45%	6	0.96%	7	1.07%
Other	0	0.00%	2	0.32%	2	0.30%
Unknown	1	3.45%	25	3.98%	26	3.96%
Total	29	100.00%	628	100.00%	657	100.00%

Up to two weather conditions may be listed for each crash.

Alcohol-Related Motor Vehicle/Pedestrian Crashes

Alcohol-related crashes are more apt to occur—and **more likely to be reported**—in fatal crashes than in nonfatal crashes. In Iowa, drivers who are involved in fatal crashes are not required by law to submit to an alcohol test; therefore, Iowa alcohol-related crash statistics should not be compared to states where an alcohol test is mandatory. Testing for alcohol is based on *probable cause* as determined by the investigating officer. More than one driver may be tested for alcohol use in any particular crash. Care should be used in comparing the yearly percentages of alcohol-related fatal crashes due to fluctuations in the number of reports received.

An alcohol-related crash is where one or more drivers/pedestrians have a blood alcohol content (BAC) of .01% or higher. Therefore, a driver or pedestrian with a BAC between .000% and .009% is counted as *not drinking*, a driver or pedestrian with a BAC between .01% and .09% is counted as *drinking, not impaired*, and a driver or pedestrian with a BAC .1% and higher is counted as *drinking, impaired*.

Alcohol-Related Pedestrian Fatalities, Injuries & Crashes

Type	Fatalities			Injuries			Crashes		
	Non-Pedestrians	Pedestrians	Total	Non-Pedestrians	Pedestrians	Total	Fatal	Injury	Total
Number									
Alcohol	0	5	5	5	51	56	5	50	55
Non-Alcohol	0	20	20	25	554	579	20	530	550
Total	0	25	25	30	605	635	25	580	605
Percent									
Alcohol	0.00%	20.00%	20.00%	16.67%	8.43%	8.82%	20.00%	8.62%	9.09%
Non-Alcohol	0.00%	80.00%	80.00%	83.33%	91.57%	91.18%	80.00%	91.38%	90.91%

Pedestrian Fatalities/Injuries by Age Group

Age Group	Pedestrians			
	Fatalities		Injuries	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	1	20.00%	3	5.88%
15	0	0.00%	0	0.00%
16	0	0.00%	0	0.00%
17	0	0.00%	0	0.00%
18	0	0.00%	1	1.96%
19	0	0.00%	6	11.76%
20	0	0.00%	2	3.92%
Total Under 21*	1	20.00%	12	23.53%
All Ages				
14 & Under	1	20.00%	3	5.88%
15 to 24	1	20.00%	14	27.45%
25 to 34	1	20.00%	5	9.80%
35 to 44	1	20.00%	12	23.53%
45 to 54	0	0.00%	8	15.69%
55 to 64	1	20.00%	4	7.84%
65 to 74	0	0.00%	1	1.96%
75 & Over	0	0.00%	1	1.96%
Unknown	0	0.00%	3	5.88%
Total	5	100.00%	51	100.00%

Under age 21 percentages are based on total for all ages.

Who Was Killed

Who Was Killed/Injured	Fatalities		Injuries	
	Number	Percent	Number	Percent
Non-Drinking Drivers*	0	0.00%	2	3.57%
Drinking Drivers*	0	0.00%	3	5.36%
Non-Drinking Pedestrians	1	20.00%	3	5.36%
Drinking Pedestrians	4	80.00%	48	85.71%
Total	5	100.00%	56	100.00%

*Other includes passengers of drivers.

Severity of Pedestrian Injuries

Injury Severity	Pedestrians	
	Number	Percent
Fatal	5	8.93%
Major (Incapacitating)	11	19.64%
Minor (Bruises & Abrasions)	23	41.07%
Possible (Complaint of Pain)	15	26.79%
Unknown	2	3.57%
Total	56	100.00%

Pedestrian Fatalities/Injuries by Gender

Gender	Pedestrians			
	Fatalities		Injuries	
	Number	Percent	Number	Percent
Female	3	60.00%	11	21.57%
Male	2	40.00%	40	78.43%
Total	5	100.00%	51	100.00%

Who Was Drinking

Who Was Drinking	Crashes			
	Fatal		Injury	
	Number	Percent	Number	Percent
Driver	3	60.00%	27	54.00%
Pedestrian	1	20.00%	3	6.00%
Driver & Pedestrian	1	20.00%	20	40.00%
Total	5	100.00%	50	100.00%

Alcohol-Related Motor Vehicle/Pedestrian Crashes

BAC of Drinking Drivers/Pedestrians

BAC (Blood Alcohol Content)	Drinking Pedestrians & Drivers			
	Pedestrians		Drivers	
	Number	Percent	Number	Percent
.019 & Lower	1	1.92%	3	12.00%
.020 to .039	1	1.92%	1	4.00%
.050 to .079	1	1.92%	2	8.00%
.080 to .099	0	0.00%	1	4.00%
.100 & Higher	6	11.54%	11	44.00%
Unknown/Not Reported	43	82.69%	7	28.00%
Total	52	100.00%	25	100.00%

Unknown is listed as alcohol-related on crash report, but BAC is listed as unknown or is blank.

Physical Condition of Drivers & Pedestrians

Physical Condition	Pedestrians & Drivers			
	Pedestrians		Drivers	
	Number	Percent	Number	Percent
Apparently Normal	4	7.14%	29	50.88%
Drinking-Not Impaired	12	21.43%	9	15.79%
Drinking-Impaired	40	71.43%	16	28.07%
Unknown	0	0.00%	3	5.26%
Total	56	100.00%	57	100.00%

Includes ALL drivers and pedestrians (drinking and non-drinking).

Age of Drinking Drivers & Pedestrians

Age Group	Drinking Pedestrians & Drivers			
	Pedestrians		Drivers	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	2	3.85%	0	0.00%
15	0	0.00%	0	0.00%
16	0	0.00%	0	0.00%
17	0	0.00%	0	0.00%
18	1	1.92%	2	8.00%
19	6	11.54%	0	0.00%
20	2	3.85%	0	0.00%
Total*	11	21.15%	2	8.00%
All Ages				
14 & Under	2	3.85%	0	0.00%
15 to 24	15	28.85%	13	52.00%
25 to 34	6	11.54%	3	12.00%
35 to 44	12	23.08%	2	8.00%
45 to 54	7	13.46%	2	8.00%
55 to 64	5	9.62%	2	8.00%
65 to 74	1	1.92%	2	8.00%
75 & Over	1	1.92%	0	0.00%
Unknown	3	5.77%	1	4.00%
Total	52	100.00%	25	100.00%

Under age 21 percentages are based on total for all ages.

Drinking Pedestrian's Action

Drinking Pedestrian's Action	Pedestrians			
	Fatalities		Injuries	
	Number	Percent	Number	Percent
Crossing Against Signal	0	0.00%	1	2.08%
Crossing, Non-Crosswalk	0	0.00%	16	33.33%
Walking on Roadway	1	25.00%	1	2.08%
Walking with Traffic	0	0.00%	1	2.08%
Crossing in Crosswalk	0	0.00%	3	6.25%
From Between Parked Cars	0	0.00%	1	2.08%
Ran onto Road	0	0.00%	4	8.33%
Lying/Sitting on Road	0	0.00%	1	2.08%
Pushing/Working on Vehicle	0	0.00%	2	4.17%
Getting On/Off Vehicle	0	0.00%	3	6.25%
Walking - Off Road	1	25.00%	1	2.08%
Unknown	2	50.00%	14	29.17%
Total	4	100.00%	48	100.00%

Drinking Driver's Vehicle Action

Drinking Driver's Vehicle Action	Drivers			
	Fatalities		Injuries	
	Number	Percent	Number	Percent
Going Straight	2	100.00%	17	73.91%
Turning Left	0	0.00%	3	13.04%
Turning Right	0	0.00%	0	0.00%
Making U-Turn	0	0.00%	0	0.00%
Passing	0	0.00%	0	0.00%
Changing Lanes	0	0.00%	0	0.00%
Merging	0	0.00%	0	0.00%
Parking	0	0.00%	0	0.00%
Slowing/Stopping	0	0.00%	0	0.00%
Backing	0	0.00%	3	13.04%
Stopped for Sign/Signal	0	0.00%	0	0.00%
Stopped in Traffic	0	0.00%	0	0.00%
Properly Parked	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	0	0.00%
Total	2	100.00%	23	100.00%

Gender of Drinking Drivers & Pedestrians

Gender	Drinking Pedestrians & Drivers			
	Pedestrians		Drivers	
	Number	Percent	Number	Percent
Female	12	23.08%	5	20.00%
Male	40	76.92%	19	76.00%
Unknown	0	0.00%	1	4.00%
Total	52	100.00%	25	100.00%

Alcohol-Related Crashes

Alcohol-related crashes are more apt to occur—and **more likely to be reported**—in fatal crashes than in nonfatal crashes. In Iowa, drivers who are involved in fatal crashes are not required by law to submit to an alcohol test; therefore, Iowa alcohol-related crash statistics should not be compared to states where an alcohol test is mandatory. Testing for alcohol is based on *probable cause* as determined by the investigating officer. More than one driver may be tested for alcohol use in any particular crash. Care should be used in comparing the yearly percentages of alcohol-related fatal crashes due to fluctuations in the number of reports received.

An alcohol-related crash is where one or more drivers/pedestrians have a blood alcohol content (BAC) of .01% or higher. Therefore, a driver or pedestrian with a BAC between .000% and .009% is counted as *not drinking*, a driver or pedestrian with a BAC between .01% and .09% is counted as *drinking, not impaired*, and a driver or pedestrian with a BAC .1% and higher is counted as *drinking, impaired*.

Alcohol-Related Fatalities, Injuries & Crashes

Type	Fatalities	Injuries	Crashes			
			Fatal	Injury	Property	Total
Number						
Alcohol	112	2,385	100	1,561	1,206	2,867
Non-Alcohol	333	33,646	294	22,202	38,998	61,494
Total	445	36,031	394	23,763	40,204	64,361
Percent						
Alcohol	25.17%	6.62%	25.38%	6.57%	3.00%	4.45%
Non-Alcohol	74.83%	93.38%	74.62%	93.43%	97.00%	95.55%

Fatalities/Injuries by Age Group

Age Group	Fatalities		Injuries	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	2	1.79%	115	4.82%
15	1	0.89%	25	1.05%
16	2	1.79%	56	2.35%
17	7	6.25%	91	3.82%
18	5	4.46%	108	4.53%
19	3	2.68%	116	4.86%
20	3	2.68%	120	5.03%
Total*	23	20.54%	631	26.46%
All Ages				
14 & Under	2	1.79%	115	4.82%
15 to 24	40	35.71%	916	38.41%
25 to 34	27	24.11%	471	19.75%
35 to 44	19	16.96%	411	17.23%
45 to 54	14	12.50%	239	10.02%
55 to 64	4	3.57%	85	3.56%
65 to 74	3	2.68%	46	1.93%
75 & Over	3	2.68%	22	0.92%
Unknown	0	0.00%	80	3.35%
Total	112	100.00%	2,385	100.00%

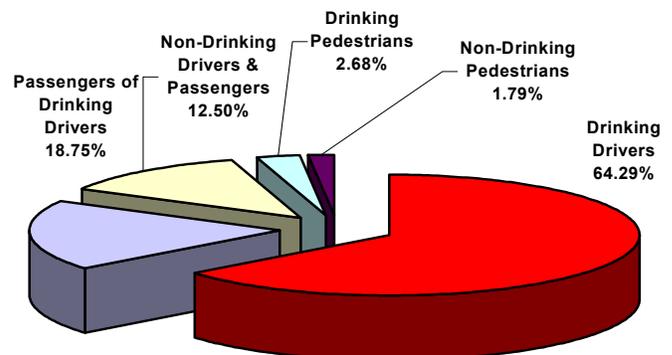
Under age 21 percentages are based on total for all ages.

Fatalities & Severity of Injuries

Severity	Number	Percent
Fatal	112	4.49%
Major (Incapacitating)	484	19.38%
Minor (Bruises & Abrasions)	1,092	43.73%
Possible (Complaint of Pain)	780	31.24%
Unknown	29	1.16%
Total Killed & Injured	2,497	100.00%

Who Was Killed

Who Was Killed	Fatalities	
	Number	Percent
Drinking Drivers	72	64.29%
Passengers of Drinking Drivers	21	18.75%
Non-Drinking Drivers & Passengers	14	12.50%
Drinking Pedestrians	3	2.68%
Non-Drinking Pedestrians	2	1.79%
Total	112	100.00%



Fatalities/Injuries by Gender

Gender	Fatalities		Injuries	
	Number	Percent	Number	Percent
Female	23	20.54%	808	33.88%
Male	89	79.46%	1,577	66.12%
Unknown	0	0.00%	0	0.00%
Total	112	100.00%	2,385	100.00%

Alcohol-Related Crashes

Who Was Drinking

Who Was Drinking	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Driver	97	97.00%	1,530	98.01%
Pedestrian	3	3.00%	27	1.73%
Driver & Pedestrian	0	0.00%	4	0.26%
Total	100	100.00%	1,561	100.00%

BAC of Drinking Drivers

BAC (Blood Alcohol Content)	Drinking Drivers			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
.019 & Lower	3	2.97%	59	3.80%
.020 to .039	5	4.95%	37	2.38%
.040 to .079	9	8.91%	82	5.28%
.080 to .099	5	4.95%	60	3.86%
.100 & Higher	77	76.24%	523	33.68%
Unknown	2	1.98%	792	51.00%
Total	101	100.00%	1,553	100.00%

Unknown is listed as alcohol-related on crash report, but BAC is listed as unknown or is blank.

Age of Drinking Drivers

Age Group	Drinking Drivers			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	1	0.06%
15	1	0.99%	2	0.13%
16	1	0.99%	26	1.67%
17	3	2.97%	43	2.77%
18	4	3.96%	63	4.06%
19	3	2.97%	73	4.70%
20	5	4.95%	74	4.76%
Total*	17	16.83%	282	18.16%
All Ages				
14 & Under	0	0.00%	1	0.06%
15 to 24	35	34.65%	564	36.32%
25 to 34	24	23.76%	377	24.28%
35 to 44	21	20.79%	350	22.54%
45 to 54	14	13.86%	169	10.88%
55 to 64	2	1.98%	51	3.28%
65 to 74	3	2.97%	22	1.42%
75 & Over	1	0.99%	11	0.71%
Unknown	1	0.99%	8	0.52%
Total	101	100.00%	1,553	100.00%

Under age 21 percentages are based on total for all ages.

Gender of Drinking Drivers

Gender	Drinking Drivers			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Female	13	12.87%	295	19.00%
Male	87	86.14%	1,255	80.81%
Unknown	1	0.99%	3	0.19%
Total	101	100.00%	1,553	100.00%

Physical Condition of All Drivers

Physical Condition	All Drivers			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Apparently Normal	365	57.12%	36,605	86.54%
Physical Defect	0	0.00%	94	0.22%
Fatigue	3	0.47%	212	0.50%
Apparently Asleep	1	0.16%	249	0.59%
Illness	0	0.00%	72	0.17%
Under Medication	1	0.16%	51	0.12%
Infirmities of Age	8	1.25%	200	0.47%
Drinking-Not Impaired	21	3.29%	428	1.01%
Drinking-Impaired	80	12.52%	1,125	2.66%
Drugs	1	0.16%	101	0.24%
Other	6	0.94%	226	0.53%
Unknown	153	23.94%	2,936	6.94%
Total	639	100.00%	42,299	100.00%

Drinking Driver's Contributing Circumstance

Drinking Driver's Contributing Circumstances	Circumstances			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
None Apparent	40	17.02%	897	24.70%
Ran Traffic Signal	0	0.00%	76	2.09%
Ran Stop Sign	6	2.55%	81	2.23%
Passed Stopped School Bus	0	0.00%	1	0.03%
Improper Passing	2	0.85%	12	0.33%
Left of Center, Not Passing	6	2.55%	75	2.06%
FTYROW at Intersection	0	0.00%	20	0.55%
FTYROW from Stop Sign	8	3.40%	47	1.29%
FTYROW from Yield Sign	0	0.00%	12	0.33%
FTYROW Making Left Turn	1	0.43%	56	1.54%
FTYROW from Driveway	0	0.00%	11	0.30%
FTYROW from Parked	0	0.00%	1	0.03%
FTYROW to Pedestrian	0	0.00%	6	0.17%
FTYROW Other	0	0.00%	4	0.11%
Wrong Way/One-Way	6	2.55%	10	0.28%
Too Fast for Conditions	19	8.09%	173	4.76%
Exceeding Speed Limit	13	5.53%	144	3.96%
Drag Racing	0	0.00%	5	0.14%
Improper Turn	3	1.28%	11	0.30%
Improper Lane Change	2	0.85%	11	0.30%
Following Too Close	1	0.43%	52	1.43%
No/Improper Signal	0	0.00%	6	0.17%
Disregarded Railroad Signal	0	0.00%	6	0.17%
Disregarded Warning Signal	0	0.00%	5	0.14%
Reckless Driving	2	0.85%	115	3.17%
Improper Backing	0	0.00%	6	0.17%
Illegal/Improper Parking	0	0.00%	7	0.19%
Failure to Control Vehicle	79	33.62%	1,111	30.59%
Headlights Not On	0	0.00%	9	0.25%
Inattentive/Distracted	1	0.43%	140	3.85%
Confused	5	2.13%	31	0.85%
Vision Obscured	3	1.28%	8	0.22%
Oversized/Loaded Vehicle	0	0.00%	4	0.11%
Inexperienced Driver	0	0.00%	21	0.58%
Other	10	4.26%	274	7.54%
Unknown	28	11.91%	184	5.07%
Total	235	100.00%	3,632	100.00%

Up to two circumstances may be listed for each drinking driver involved in a crash.

Alcohol-Related Crashes

Drinking Driver's Vehicle Action

Drinking Driver's Vehicle Action	Drinking Driver			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Going Straight	87	86.14%	1,254	80.75%
Turning Left	3	2.97%	120	7.73%
Turning Right	0	0.00%	44	2.83%
Making U-Turn	1	0.99%	2	0.13%
Passing	2	1.98%	22	1.42%
Changing Lanes	2	1.98%	9	0.58%
Merging	0	0.00%	3	0.19%
Parking	0	0.00%	1	0.06%
Slowing/Stopping	0	0.00%	15	0.97%
Backing	1	0.99%	13	0.84%
Stopped for Sign/Signal	1	0.99%	3	0.19%
Stopped in Traffic	1	0.99%	5	0.32%
Stalled in Traffic	0	0.00%	0	0.00%
Properly Parked	0	0.00%	0	0.00%
Improperly Parked	0	0.00%	0	0.00%
Unattended Moving Vehicle	0	0.00%	0	0.00%
Other	2	1.98%	44	2.83%
Unknown	1	0.99%	18	1.16%
Total	101	100.00%	1,553	100.00%

Type of Crash

Type of Crash	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Overtuned	19	19.00%	178	11.40%
Jackknifed	0	0.00%	2	0.13%
Fire/Explosion	2	2.00%	1	0.06%
Immersion	0	0.00%	1	0.06%
Pedestrian	5	5.00%	46	2.95%
Other Vehicle	32	32.00%	548	35.11%
Motorcycle	0	0.00%	7	0.45%
Parked Vehicle	0	0.00%	93	5.96%
Train	1	1.00%	7	0.45%
Pedacycle	0	0.00%	9	0.58%
Animal	0	0.00%	9	0.58%
Fixed Object	35	35.00%	520	33.31%
Other Object	0	0.00%	22	1.41%
Other/Unknown	6	6.00%	118	7.56%
Total	100	100.00%	1,561	100.00%

Drinking Driver's Road Surface Condition

Drinking Driver's Road Surface Conditions	Surface Conditions			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Dry	115	77.70%	1,486	68.86%
Wet	11	7.43%	224	10.38%
Ice	6	4.05%	92	4.26%
Snow	3	2.03%	128	5.93%
Gravel	7	4.73%	135	6.26%
Mud	0	0.00%	5	0.23%
Debris	0	0.00%	3	0.14%
Other	1	0.68%	7	0.32%
Unknown	5	3.38%	78	3.61%
Total	148	100.00%	2,158	100.00%

Up to two surface conditions may be listed for each drinking driver.

Drinking Driver's Traffic controls

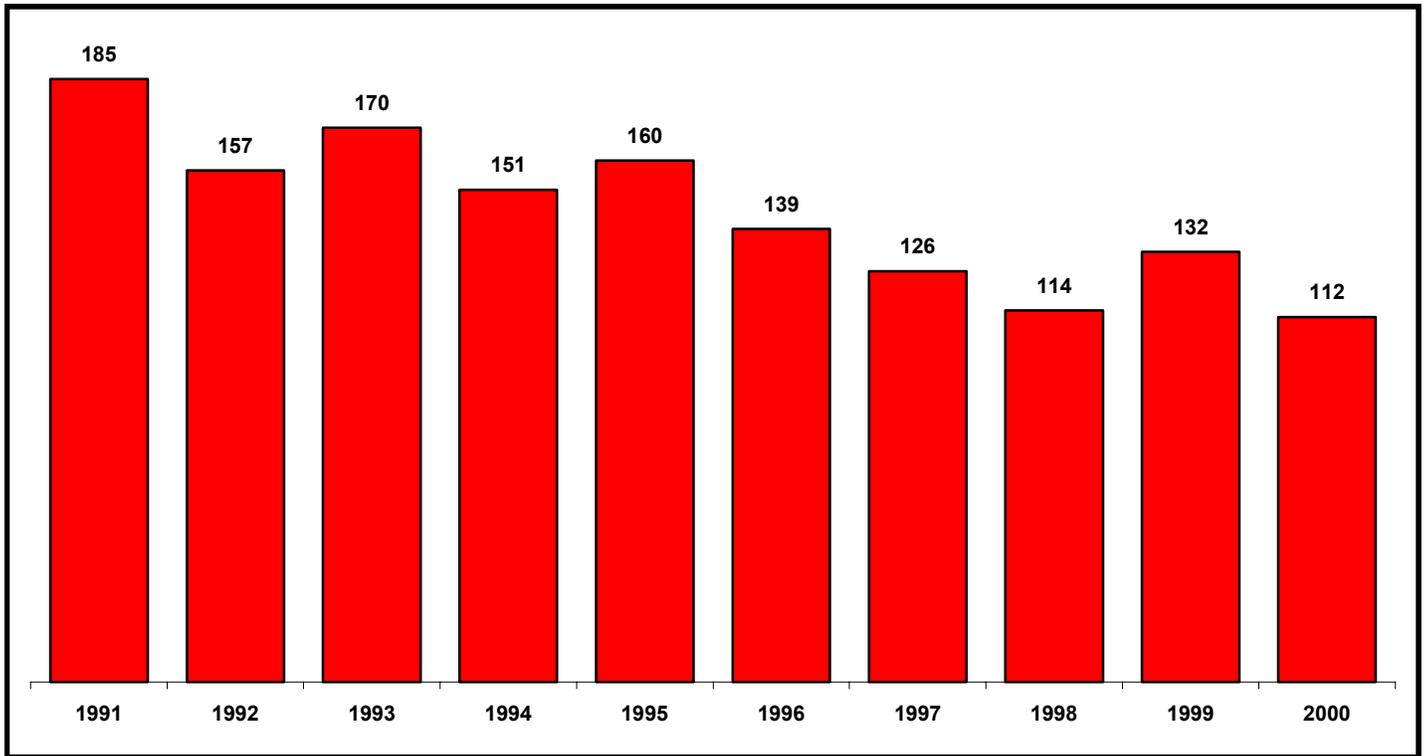
Drinking Driver's Traffic Control	Drinking Drivers			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
No Controls	79	78.22%	1,088	70.06%
Signals	1	0.99%	201	12.94%
Stop Signs	11	10.89%	133	8.56%
Yield Signs	0	0.00%	10	0.64%
Warning Signs	2	1.98%	62	3.99%
School Signals	0	0.00%	0	0.00%
No Passing Zones	5	4.95%	23	1.48%
School Stop Signs	0	0.00%	1	0.06%
School Bus Stop Arms	0	0.00%	0	0.00%
Railroad Signs	1	0.99%	6	0.39%
Railroad Signals	0	0.00%	1	0.06%
Railroad Crossing Gates	0	0.00%	1	0.06%
Peace Officer	0	0.00%	3	0.19%
Non-Functioning Signals	0	0.00%	0	0.00%
Other	1	0.99%	18	1.16%
Unknown	1	0.99%	6	0.39%
Total	101	100.00%	1,553	100.00%

Light Conditions

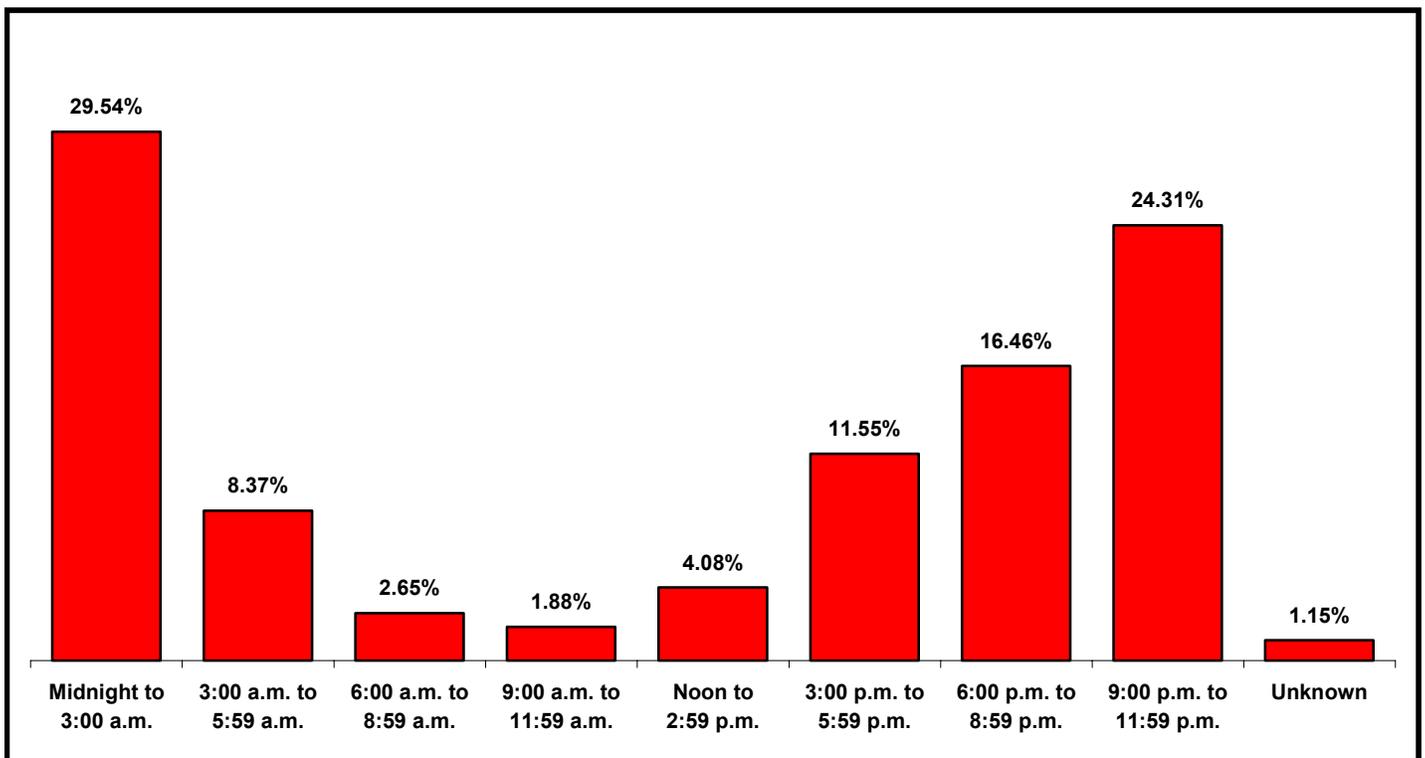
Light Conditions	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Daylight	21	21.00%	392	25.11%
Dusk	1	1.00%	51	3.27%
Dawn	0	0.00%	18	1.15%
Darkness, Lighted	11	11.00%	527	33.76%
Darkness, Not Lighted	64	64.00%	570	36.52%
Unknown	3	3.00%	3	0.19%
Total	100	100.00%	1,561	100.00%

Alcohol-Related Crashes

Alcohol-Related Fatalities over a 10-Year Period

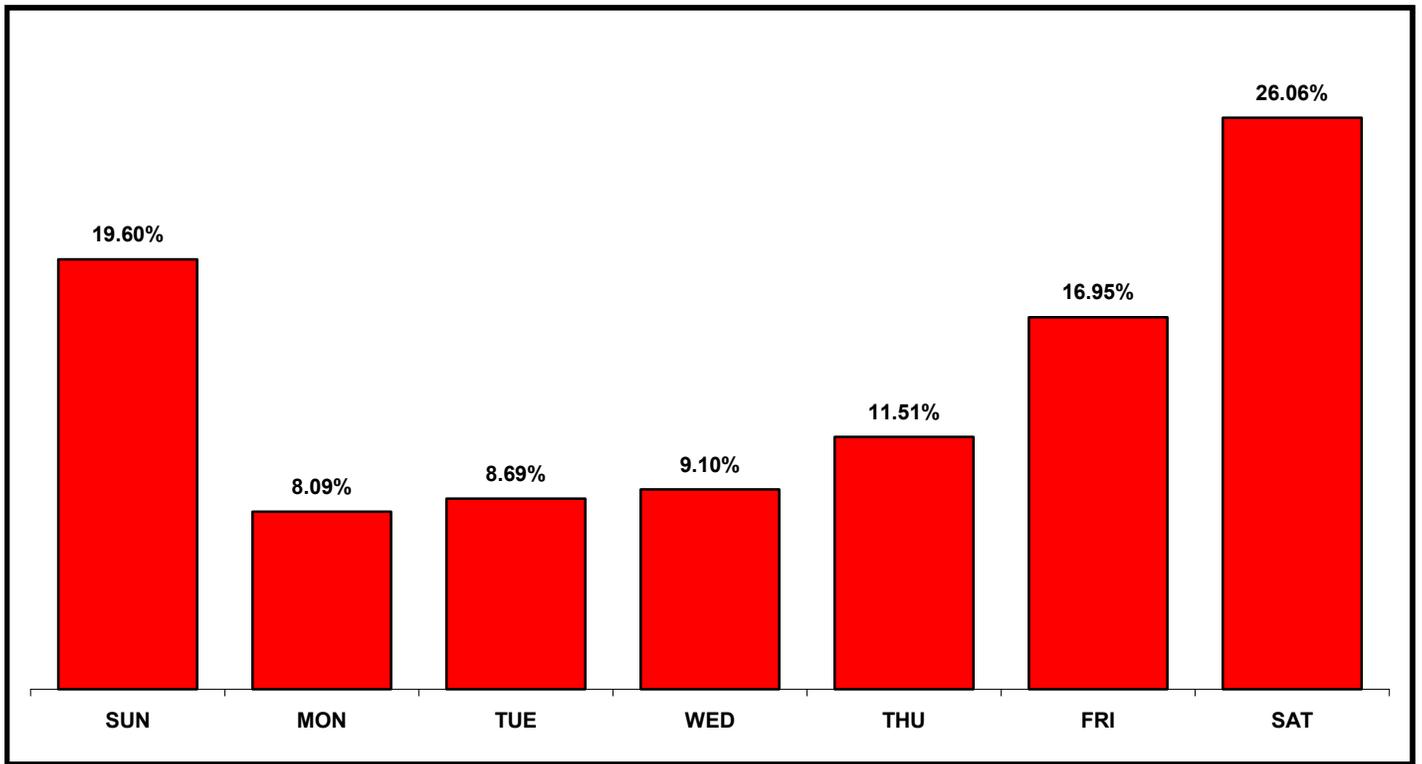


Alcohol-Related Crashes by Time of Day

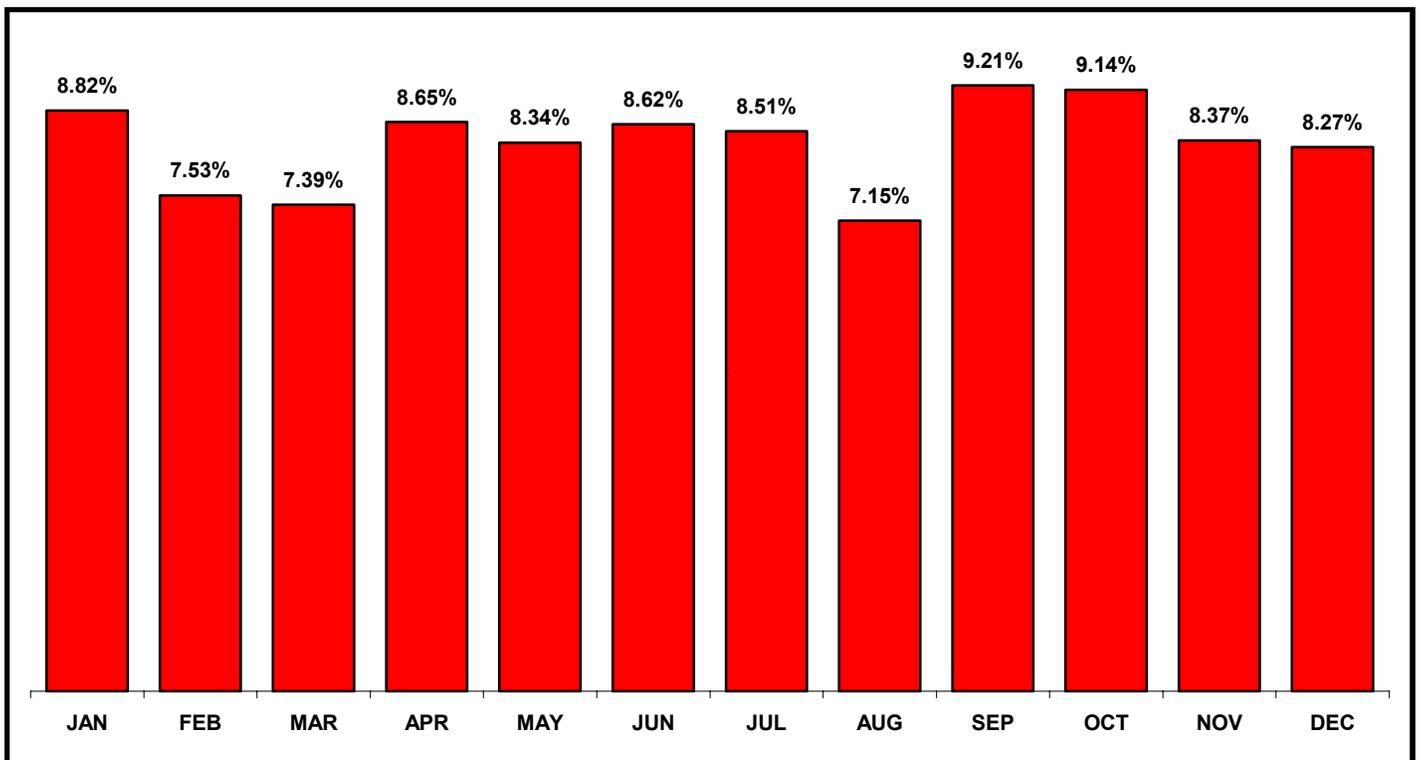


Alcohol-Related Crashes

Alcohol-Related Crashes by Day of Week



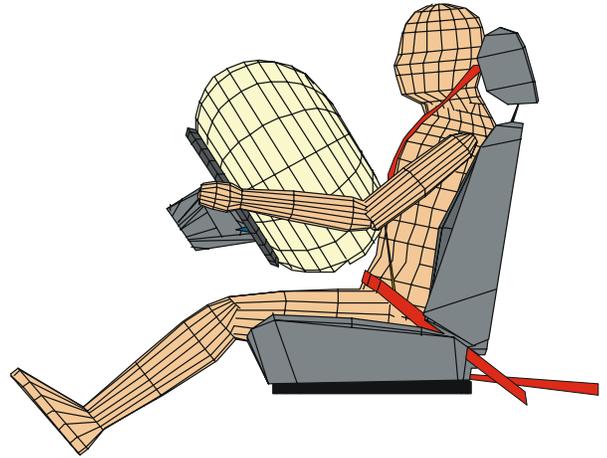
Alcohol-Related Crashes by Month



Protective Device Usage

Numbers in this section reflect the number of fatalities and injuries in traffic crashes by protective device use.

Except for two charts on this page, usage does **NOT** include helmets, pedestrians, and occupants of the following vehicles: farm equipment, motorcycles, pedalcycles, recreational vehicles,



Protective Device Usage

Usage	Fatalities & Injuries							
	Fatal		Major		Minor/Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Not Used	166	44.62%	813	26.60%	5,692	18.56%	6,671	19.56%
Used	145	38.98%	1,537	50.29%	17,341	56.53%	19,023	55.78%
Unknown	61	16.40%	706	23.10%	7,642	24.91%	8,409	24.66%
Total	372	100.00%	3,056	100.00%	30,675	100.00%	34,103	100.00%

Type of Protective Device Used

Protective Device Used	Fatalities & Injuries							
	Fatal		Major		Minor/Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
None	149	40.05%	676	22.12%	4,727	15.41%	5,552	16.28%
Lap Belt	3	0.81%	151	4.94%	1,665	5.43%	1,819	5.33%
Lap & Shoulder Belt	133	35.75%	1,344	43.98%	15,131	49.33%	16,608	48.70%
Airbag Deployed	17	4.57%	124	4.06%	832	2.71%	973	2.85%
Child Restraint	4	1.08%	25	0.82%	356	1.16%	385	1.13%
Helmet	0	0.00%	13	0.43%	133	0.43%	146	0.43%
Passive Belt	5	1.34%	6	0.20%	54	0.18%	65	0.19%
Other	0	0.00%	11	0.36%	135	0.44%	146	0.43%
Unknown	61	16.40%	706	23.10%	7,642	24.91%	8,409	24.66%
Total	372	100.00%	3,056	100.00%	30,675	100.00%	34,103	100.00%

Type of Protective Device Used in Alcohol-Related Crashes

Protective Device Used in Alcohol-Related Crashes	Fatalities & Injuries							
	Fatal		Major		Minor/Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
None	44	44.90%	155	37.17%	423	88.68%	622	62.70%
Lap Belt	0	0.00%	8	1.92%	0	0.00%	8	0.81%
Lap & Shoulder Belt	27	27.55%	129	30.94%	27	5.66%	183	18.45%
Airbag Deployed	4	4.08%	13	3.12%	4	0.84%	21	2.12%
Child Restraint	1	1.02%	2	0.48%	1	0.21%	4	0.40%
Helmet	0	0.00%	1	0.24%	0	0.00%	1	0.10%
Passive Belt	0	0.00%	1	0.24%	0	0.00%	1	0.10%
Other	0	0.00%	2	0.48%	0	0.00%	2	0.20%
Unknown	22	22.45%	106	25.42%	22	4.61%	150	15.12%
Total	98	100.00%	417	100.00%	477	100.00%	992	100.00%

Protective Device Usage

Protective Device Usage by Position in Vehicle

Position in Vehicle	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Driver	Not Used	120	44.94%	474	23.01%	3,623	17.19%	4,217	18.02%
	Used	97	36.33%	1,118	54.27%	12,183	57.80%	13,398	57.24%
	Unknown	50	18.73%	468	22.72%	5,272	25.01%	5,790	24.74%
	Total	267	100.00%	2,060	100.00%	21,078	100.00%	23,405	100.00%
Front Seat Passenger	Not Used	31	38.75%	217	31.22%	1,300	19.07%	1,548	20.39%
	Used	42	52.50%	316	45.47%	3,864	56.67%	4,222	55.60%
	Unknown	7	8.75%	162	23.31%	1,654	24.26%	1,823	24.01%
	Total	80	100.00%	695	100.00%	6,818	100.00%	7,593	100.00%
Back Seat Passenger	Not Used	12	66.67%	77	35.65%	496	25.11%	585	26.48%
	Used	3	16.67%	81	37.50%	992	50.23%	1,076	48.71%
	Unknown	3	16.67%	58	26.85%	487	24.66%	548	24.81%
	Total	18	100.00%	216	100.00%	1,975	100.00%	2,209	100.00%
Third Seat or Bus Passenger	Not Used	3	42.86%	44	53.01%	160	26.14%	207	29.49%
	Used	3	42.86%	22	26.51%	282	46.08%	307	43.73%
	Unknown	1	14.29%	17	20.48%	170	27.78%	188	26.78%
	Total	7	100.00%	83	100.00%	612	100.00%	702	100.00%
Other or Unknown	Not Used	0	0.00%	1	50.00%	113	58.85%	114	58.76%
	Used	0	0.00%	0	0.00%	20	10.42%	20	10.31%
	Unknown	0	0.00%	1	50.00%	59	30.73%	60	30.93%
	Total	0	0.00%	2	100.00%	192	100.00%	194	100.00%
Total	Not Used	166	44.62%	813	26.60%	5,692	18.56%	6,671	19.56%
	Used	145	38.98%	1,537	50.29%	17,341	56.53%	19,023	55.78%
	Unknown	61	16.40%	706	23.10%	7,642	24.91%	8,409	24.66%
	Total	372	100.00%	3,056	100.00%	30,675	100.00%	34,103	100.00%

Protective Device Usage by Gender

Gender	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Female	Not Used	50	37.59%	366	24.37%	3,092	17.66%	3,508	18.33%
	Used	65	48.87%	824	54.86%	10,191	58.22%	11,080	57.89%
	Unknown	18	13.53%	312	20.77%	4,222	24.12%	4,552	23.78%
	Total	133	100.00%	1,502	100.00%	17,505	100.00%	19,140	100.00%
Male	Not Used	116	59.18%	447	28.76%	2,600	19.74%	3,163	21.14%
	Used	80	40.82%	713	45.88%	7,150	54.29%	7,943	53.08%
	Unknown	43	21.94%	394	25.35%	3,420	25.97%	3,857	25.78%
	Total	196	100.00%	1,554	100.00%	13,170	100.00%	14,963	100.00%
Total	Not Used	166	44.62%	813	26.60%	5,692	18.56%	6,671	19.56%
	Used	145	38.98%	1,537	50.29%	17,341	56.53%	19,023	55.78%
	Unknown	61	16.40%	706	23.10%	7,642	24.91%	8,409	24.66%
	Total	372	100.00%	3,056	100.00%	30,675	100.00%	34,103	100.00%

Protective Device Usage

Protective Device Usage by Age

Age	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
14 & Under	Not Used	2	15.38%	49	25.65%	603	22.60%	654	22.77%
	Used	10	76.92%	100	52.36%	1,476	55.32%	1,586	55.22%
	Unknown	1	7.69%	42	21.99%	589	22.08%	632	22.01%
	Total	13	100.00%	191	100.00%	2,668	100.00%	2,872	100.00%
15 to 24	Not Used	57	47.90%	301	31.62%	2,082	20.48%	2,440	21.71%
	Used	43	36.13%	418	43.91%	5,556	54.64%	6,017	53.54%
	Unknown	19	15.97%	233	24.47%	2,530	24.88%	2,782	24.75%
	Total	119	100.00%	952	100.00%	10,168	100.00%	11,239	100.00%
25 to 34	Not Used	30	50.85%	121	25.64%	882	18.05%	1,033	19.07%
	Used	19	32.20%	243	51.48%	2,730	55.87%	2,992	55.23%
	Unknown	10	16.95%	108	22.88%	1,274	26.07%	1,392	25.70%
	Total	59	100.00%	472	100.00%	4,886	100.00%	5,417	100.00%
35 to 44	Not Used	16	59.26%	128	26.89%	768	16.81%	912	17.98%
	Used	7	25.93%	240	50.42%	2,641	57.79%	2,888	56.93%
	Unknown	4	14.81%	108	22.69%	1,161	25.40%	1,273	25.09%
	Total	27	100.00%	476	100.00%	4,570	100.00%	5,073	100.00%
45 to 54	Not Used	18	40.91%	84	24.07%	512	15.24%	614	16.36%
	Used	18	40.91%	189	54.15%	1,995	59.39%	2,202	58.69%
	Unknown	8	18.18%	76	21.78%	852	25.36%	936	24.95%
	Total	44	100.00%	349	100.00%	3,359	100.00%	3,752	100.00%
55 to 64	Not Used	17	54.84%	40	19.80%	298	15.80%	355	16.75%
	Used	7	22.58%	115	56.93%	1,118	59.28%	1,240	58.52%
	Unknown	7	22.58%	47	23.27%	470	24.92%	524	24.73%
	Total	31	100.00%	202	100.00%	1,886	100.00%	2,119	100.00%
65 to 74	Not Used	13	48.15%	28	17.28%	191	15.45%	232	16.28%
	Used	8	29.63%	96	59.26%	745	60.28%	849	59.58%
	Unknown	6	22.22%	38	23.46%	300	24.27%	344	24.14%
	Total	27	100.00%	162	100.00%	1,236	100.00%	1,425	100.00%
75 & Over	Not Used	13	25.00%	48	25.00%	174	16.16%	235	17.79%
	Used	33	63.46%	109	56.77%	673	62.49%	815	61.70%
	Unknown	6	11.54%	35	18.23%	230	21.36%	271	20.51%
	Total	52	100.00%	192	100.00%	1,077	100.00%	1,321	100.00%
Unknown	Not Used	0	0.00%	14	23.33%	182	22.06%	196	22.15%
	Used	0	0.00%	27	45.00%	407	49.33%	434	49.04%
	Unknown	0	0.00%	19	31.67%	236	28.61%	255	28.81%
	Total	0	0.00%	60	100.00%	825	100.00%	885	100.00%
Total	Not Used	166	44.62%	813	26.60%	5,692	18.56%	6,671	19.56%
	Used	145	38.98%	1,537	50.29%	17,341	56.53%	19,023	55.78%
	Unknown	61	16.40%	706	23.10%	7,642	24.91%	8,409	24.66%
	Total	372	100.00%	3,056	100.00%	30,675	100.00%	34,103	100.00%

Protective Device Usage

Protective Device Usage by Vehicle Type

Vehicle Type	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Passenger Cars	Not Used	118	42.60%	565	26.32%	3,959	18.07%	4,642	19.08%
	Used	110	39.71%	1,104	51.42%	12,480	56.97%	13,694	56.28%
	Unknown	49	17.69%	478	22.26%	5,469	24.96%	5,996	24.64%
	Total	277	100.00%	2,147	100.00%	21,908	100.00%	24,332	100.00%
Vans & Sport Utility Vehicles	Not Used	11	35.48%	86	24.57%	733	17.64%	830	18.30%
	Used	17	54.84%	188	53.71%	2,400	57.76%	2,605	57.43%
	Unknown	3	9.68%	76	21.71%	1,022	24.60%	1,101	24.27%
	Total	31	100.00%	350	100.00%	4,155	100.00%	4,536	100.00%
Pickup Trucks	Not Used	33	60.00%	148	30.45%	805	20.59%	986	22.15%
	Used	16	29.09%	207	42.59%	2,163	55.32%	2,386	53.61%
	Unknown	6	10.91%	131	26.95%	942	24.09%	1,079	24.24%
	Total	55	100.00%	486	100.00%	3,910	100.00%	4,451	100.00%
Straight Trucks	Not Used	0	0.00%	5	22.73%	26	16.25%	31	17.03%
	Used	0	0.00%	11	50.00%	85	53.13%	96	52.75%
	Unknown	0	0.00%	6	27.27%	49	30.63%	55	30.22%
	Total	0	0.00%	22	100.00%	160	100.00%	182	100.00%
Truck Tractors & Semitrailer Trucks	Not Used	4	44.44%	6	14.63%	45	15.85%	55	16.47%
	Used	2	22.22%	22	53.66%	151	53.17%	175	52.40%
	Unknown	3	33.33%	13	31.71%	88	30.99%	104	31.14%
	Total	9	100.00%	41	100.00%	284	100.00%	334	100.00%
Maintenance & Construction Vehicles	Not Used	0	0.00%	2	28.57%	5	13.89%	7	16.28%
	Used	0	0.00%	4	57.14%	24	66.67%	28	65.12%
	Unknown	0	0.00%	1	14.29%	7	19.44%	8	18.60%
	Total	0	0.00%	7	100.00%	36	100.00%	43	100.00%
Buses & Motor Homes	Not Used	0	0.00%	1	33.33%	119	53.60%	120	53.33%
	Used	0	0.00%	1	33.33%	38	17.12%	39	17.33%
	Unknown	0	0.00%	1	33.33%	65	29.28%	66	29.33%
	Total	0	0.00%	3	100.00%	222	100.00%	225	100.00%
Total	Not Used	166	44.62%	813	26.60%	5,692	18.56%	6,671	19.56%
	Used	145	38.98%	1,537	50.29%	17,341	56.53%	19,023	55.78%
	Unknown	61	16.40%	706	23.10%	7,642	24.91%	8,409	24.66%
	Total	372	100.00%	3,056	100.00%	30,675	100.00%	34,103	100.00%

Protective Device Usage by Ejection from Vehicle

Ejection from Vehicle	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Not Ejected	Not Used	81	34.32%	377	23.19%	1,945	14.38%	2,403	15.61%
	Used	112	47.46%	885	54.43%	8,640	63.86%	9,637	62.61%
	Unknown	43	18.22%	364	22.39%	2,944	21.76%	3,351	21.77%
	Total	236	100.00%	1,626	100.00%	13,529	100.00%	15,391	100.00%
Partially Ejected	Not Used	16	72.73%	18	75.00%	16	41.03%	50	58.82%
	Used	3	13.64%	2	8.33%	18	46.15%	23	27.06%
	Unknown	3	13.64%	4	16.67%	5	12.82%	12	14.12%
	Total	22	100.00%	24	100.00%	39	100.00%	85	100.00%
Totally Ejected	Not Used	56	82.35%	121	85.21%	122	80.79%	299	82.83%
	Used	5	7.35%	9	6.34%	20	13.25%	34	9.42%
	Unknown	7	10.29%	12	8.45%	9	5.96%	28	7.76%
	Total	68	100.00%	142	100.00%	151	100.00%	361	100.00%
Extracted from Vehicle	Not Used	2	12.50%	12	30.77%	4	12.12%	18	20.45%
	Used	12	75.00%	15	38.46%	18	54.55%	45	51.14%
	Unknown	2	12.50%	12	30.77%	11	33.33%	25	28.41%
	Total	16	100.00%	39	100.00%	33	100.00%	88	100.00%
Unknown	Not Used	11	36.67%	285	23.27%	3,605	21.30%	3,901	21.46%
	Used	13	43.33%	626	51.10%	8,645	51.08%	9,284	51.07%
	Unknown	6	20.00%	314	25.63%	4,673	27.61%	4,993	27.47%
	Total	30	100.00%	1,225	100.00%	16,923	100.00%	18,178	100.00%
Total	Not Used	166	44.62%	813	26.60%	5,692	18.56%	6,671	19.56%
	Used	145	38.98%	1,537	50.29%	17,341	56.53%	19,023	55.78%
	Unknown	61	16.40%	706	23.10%	7,642	24.91%	8,409	24.66%
	Total	372	100.00%	3,056	100.00%	30,675	100.00%	34,103	100.00%

Protective Device Usage

Protective Device Usage by Victim's Area of Injury

Injured Area	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Upper Torso	Not Used	10	47.62%	121	21.65%	1,798	16.49%	1,929	16.80%
	Used	9	42.86%	307	54.92%	6,374	58.47%	6,690	58.27%
	Unknown	2	9.52%	131	23.43%	2,730	25.04%	2,863	24.93%
	Total	21	100.00%	559	100.00%	10,902	100.00%	11,482	100.00%
Lower Torso	Not Used	2	100.00%	18	29.51%	98	17.16%	118	18.61%
	Used	0	0.00%	29	47.54%	342	59.89%	371	58.52%
	Unknown	0	0.00%	14	22.95%	131	22.94%	145	22.87%
	Total	2	100.00%	61	100.00%	571	100.00%	634	100.00%
Internal	Not Used	6	40.00%	25	29.76%	37	16.30%	68	20.86%
	Used	8	53.33%	41	48.81%	132	58.15%	181	55.52%
	Unknown	1	6.67%	18	21.43%	58	25.55%	77	23.62%
	Total	15	100.00%	84	100.00%	227	100.00%	326	100.00%
Head	Not Used	26	59.09%	132	28.57%	771	20.40%	929	21.68%
	Used	12	27.27%	211	45.67%	2,034	53.82%	2,257	52.67%
	Unknown	6	13.64%	119	25.76%	974	25.77%	1,099	25.65%
	Total	44	100.00%	462	100.00%	3,779	100.00%	4,285	100.00%
Arms	Not Used	0	0.00%	32	21.19%	252	18.58%	284	18.85%
	Used	0	0.00%	81	53.64%	824	60.77%	905	60.05%
	Unknown	0	0.00%	38	25.17%	280	20.65%	318	21.10%
	Total	0	0.00%	151	100.00%	1,356	100.00%	1,507	100.00%
Legs	Not Used	0	0.00%	49	30.06%	197	17.73%	246	19.31%
	Used	0	0.00%	81	49.69%	612	55.09%	693	54.40%
	Unknown	0	0.00%	33	20.25%	302	27.18%	335	26.30%
	Total	0	0.00%	163	100.00%	1,111	100.00%	1,274	100.00%
Multiple	Not Used	113	42.97%	414	27.62%	2,044	20.17%	2,571	21.61%
	Used	107	40.68%	754	50.30%	5,644	55.69%	6,505	54.68%
	Unknown	43	16.35%	331	22.08%	2,447	24.14%	2,821	23.71%
	Total	263	100.00%	1,499	100.00%	10,135	100.00%	11,897	100.00%
Other	Not Used	9	33.33%	22	28.57%	495	19.08%	526	19.50%
	Used	9	33.33%	33	42.86%	1,379	53.16%	1,421	52.67%
	Unknown	9	33.33%	22	28.57%	720	27.76%	751	27.84%
	Total	27	100.00%	77	100.00%	2,594	100.00%	2,698	100.00%
Total	Not Used	166	44.62%	813	26.60%	5,692	18.56%	6,671	19.56%
	Used	145	38.98%	1,537	50.29%	17,341	56.53%	19,023	55.78%
	Unknown	61	16.40%	706	23.10%	7,642	24.91%	8,409	24.66%
	Total	372	100.00%	3,056	100.00%	30,675	100.00%	34,103	100.00%

Protective Device Usage by Rural/Urban Classification

Rural/Urban Classification	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Rural	Not Used	30	46.88%	8	34.78%	5	8.33%	43	29.25%
	Used	22	34.38%	9	39.13%	19	31.67%	50	34.01%
	Unknown	12	18.75%	6	26.09%	36	60.00%	54	36.73%
	Total	64	100.00%	23	100.00%	60	100.00%	147	100.00%
Urban	Not Used	6	42.86%	0	0.00%	1	6.67%	7	20.59%
	Used	6	42.86%	2	40.00%	13	86.67%	21	61.76%
	Unknown	2	14.29%	3	60.00%	1	6.67%	6	17.65%
	Total	14	100.00%	5	100.00%	15	100.00%	34	100.00%
Other	Not Used	130	44.22%	805	26.59%	5,686	18.58%	6,621	19.52%
	Used	117	39.80%	1,526	50.40%	17,309	56.57%	18,952	55.87%
	Unknown	47	15.99%	697	23.02%	7,605	24.85%	8,349	24.61%
	Total	294	100.00%	3,028	100.00%	30,600	100.00%	33,922	100.00%
Total	Not Used	166	44.62%	813	26.60%	5,692	18.56%	6,671	19.56%
	Used	145	38.98%	1,537	50.29%	17,341	56.53%	19,023	55.78%
	Unknown	61	16.40%	706	23.10%	7,642	24.91%	8,409	24.66%
	Total	372	100.00%	3,056	100.00%	30,675	100.00%	34,103	100.00%

Protective Device Usage

Protective Device Usage by Type of Collision

Type of Collision	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Head On	Not Used	22	34.92%	56	22.95%	165	23.27%	243	23.92%
	Used	28	44.44%	125	51.23%	366	51.62%	519	51.08%
	Unknown	13	20.63%	63	25.82%	178	25.11%	254	25.00%
	Total	63	100.00%	244	100.00%	709	100.00%	1,016	100.00%
Crossed Center Line	Not Used	4	30.77%	61	26.18%	363	16.17%	428	17.18%
	Used	7	53.85%	121	51.93%	1,338	59.60%	1,466	58.85%
	Unknown	2	15.38%	51	21.89%	544	24.23%	597	23.97%
	Total	13	100.00%	233	100.00%	2,245	100.00%	2,491	100.00%
Rear Ended	Not Used	7	46.67%	61	20.33%	1,147	15.51%	1,215	15.76%
	Used	5	33.33%	170	56.67%	4,299	58.15%	4,474	58.04%
	Unknown	3	20.00%	69	23.00%	1,947	26.34%	2,019	26.19%
	Total	15	100.00%	300	100.00%	7,393	100.00%	7,708	100.00%
Sideswiped	Not Used	3	33.33%	20	26.32%	117	16.32%	140	17.46%
	Used	2	22.22%	44	57.89%	408	56.90%	454	56.61%
	Unknown	4	44.44%	12	15.79%	192	26.78%	208	25.94%
	Total	9	100.00%	76	100.00%	717	100.00%	802	100.00%
Right Angle	Not Used	30	36.14%	120	18.38%	1,172	17.17%	1,322	17.49%
	Used	46	55.42%	380	58.19%	3,991	58.48%	4,417	58.43%
	Unknown	7	8.43%	153	23.43%	1,661	24.34%	1,821	24.09%
	Total	83	100.00%	653	100.00%	6,824	100.00%	7,560	100.00%
Turned into Path of Other Vehicle	Not Used	0	0.00%	8	27.59%	43	19.46%	51	20.40%
	Used	0	0.00%	15	51.72%	112	50.68%	127	50.80%
	Unknown	0	0.00%	6	20.69%	66	29.86%	72	28.80%
	Total	0	0.00%	29	100.00%	221	100.00%	250	100.00%
Single Vehicle Crash	Not Used	71	54.62%	334	37.11%	1,256	23.42%	1,661	25.98%
	Used	31	23.85%	366	40.67%	2,918	54.41%	3,315	51.85%
	Unknown	28	21.54%	200	22.22%	1,189	22.17%	1,417	22.16%
	Total	130	100.00%	900	100.00%	5,363	100.00%	6,393	100.00%
Parked Vehicle	Not Used	1	100.00%	20	52.63%	83	23.45%	104	26.46%
	Used	0	0.00%	10	26.32%	162	45.76%	172	43.77%
	Unknown	0	0.00%	8	21.05%	109	30.79%	117	29.77%
	Total	1	100.00%	38	100.00%	354	100.00%	393	100.00%
Other	Not Used	28	48.28%	133	22.81%	1,346	19.65%	1,507	20.12%
	Used	26	44.83%	306	52.49%	3,747	54.71%	4,079	54.46%
	Unknown	4	6.90%	144	24.70%	1,756	25.64%	1,904	25.42%
	Total	58	100.00%	583	100.00%	6,849	100.00%	7,490	100.00%
Total	Not Used	166	44.62%	813	26.60%	5,692	18.56%	6,671	19.56%
	Used	145	38.98%	1,537	50.29%	17,341	56.53%	19,023	55.78%
	Unknown	61	16.40%	706	23.10%	7,642	24.91%	8,409	24.66%
	Total	372	100.00%	3,056	100.00%	30,675	100.00%	34,103	100.00%

Protective Device Usage

Protective Device Usage by Road System

Road System	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Interstate or Freeway	Not Used	3	50.00%	1	100.00%	0	0.00%	4	36.36%
	Used	2	33.33%	0	0.00%	4	100.00%	6	54.55%
	Unknown	1	16.67%	0	0.00%	0	0.00%	1	9.09%
	Total	6	100.00%	1	100.00%	4	100.00%	11	100.00%
State or U.S. Highway	Not Used	15	40.54%	4	28.57%	0	0.00%	19	18.27%
	Used	17	45.95%	5	35.71%	18	33.96%	40	38.46%
	Unknown	5	13.51%	5	35.71%	35	66.04%	45	43.27%
	Total	37	100.00%	14	100.00%	53	100.00%	104	100.00%
Country Road	Not Used	15	57.69%	3	33.33%	6	60.00%	24	53.33%
	Used	5	19.23%	5	55.56%	3	30.00%	13	28.89%
	Unknown	6	23.08%	1	11.11%	1	10.00%	8	17.78%
	Total	26	100.00%	9	100.00%	10	100.00%	45	100.00%
City Street	Not Used	4	40.00%	0	0.00%	0	0.00%	4	18.18%
	Used	4	40.00%	1	25.00%	7	87.50%	12	54.55%
	Unknown	2	20.00%	3	75.00%	1	12.50%	6	27.27%
	Total	10	100.00%	4	100.00%	8	100.00%	22	100.00%
Unknown	Not Used	129	44.03%	805	26.59%	5,686	18.58%	6,620	19.52%
	Used	117	39.93%	1,526	50.40%	17,309	56.57%	18,952	55.87%
	Unknown	47	16.04%	697	23.02%	7,605	24.85%	8,349	24.61%
	Total	293	100.00%	3,028	100.00%	30,600	100.00%	33,921	100.00%
Total	Not Used	166	44.62%	813	26.60%	5,692	18.56%	6,671	19.56%
	Used	145	38.98%	1,537	50.29%	17,341	56.53%	19,023	55.78%
	Unknown	61	16.40%	706	23.10%	7,642	24.91%	8,409	24.66%
	Total	372	100.00%	3,056	100.00%	30,675	100.00%	34,103	100.00%

Protective Device Usage by Vehicle's Initial Point of Impact

Initial Point of Impact	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Front	Not Used	72	48.98%	414	28.89%	2,257	20.14%	2,743	21.45%
	Used	52	35.37%	699	48.78%	6,318	56.39%	7,069	55.29%
	Unknown	23	15.65%	320	22.33%	2,630	23.47%	2,973	23.25%
	Total	147	100.00%	1,433	100.00%	11,205	100.00%	12,785	100.00%
Left	Not Used	35	38.89%	117	23.68%	772	16.48%	924	17.54%
	Used	42	46.67%	266	53.85%	2,748	58.67%	3,056	58.01%
	Unknown	13	14.44%	111	22.47%	1,164	24.85%	1,288	24.45%
	Total	90	100.00%	494	100.00%	4,684	100.00%	5,268	100.00%
Right	Not Used	37	40.22%	132	28.14%	765	18.51%	934	19.90%
	Used	38	41.30%	242	51.60%	2,333	56.46%	2,613	55.68%
	Unknown	17	18.48%	95	20.26%	1,034	25.02%	1,146	24.42%
	Total	92	100.00%	469	100.00%	4,132	100.00%	4,693	100.00%
Rear	Not Used	3	30.00%	36	16.36%	862	14.68%	901	14.77%
	Used	5	50.00%	125	56.82%	3,430	58.43%	3,560	58.36%
	Unknown	2	20.00%	59	26.82%	1,578	26.88%	1,639	26.87%
	Total	10	100.00%	220	100.00%	5,870	100.00%	6,100	100.00%
Other	Not Used	1	14.29%	13	30.23%	53	17.38%	67	18.87%
	Used	6	85.71%	25	58.14%	188	61.64%	219	61.69%
	Unknown	0	0.00%	5	11.63%	64	20.98%	69	19.44%
	Total	7	100.00%	43	100.00%	305	100.00%	355	100.00%
Unknown	Not Used	18	69.23%	101	25.44%	983	21.95%	1,102	22.48%
	Used	2	7.69%	180	45.34%	2,324	51.89%	2,506	51.12%
	Unknown	6	23.08%	116	29.22%	1,172	26.17%	1,294	26.40%
	Total	26	100.00%	397	100.00%	4,479	100.00%	4,902	100.00%
Total	Not Used	166	44.62%	813	26.60%	5,692	18.56%	6,671	19.56%
	Used	145	38.98%	1,537	50.29%	17,341	56.53%	19,023	55.78%
	Unknown	61	16.40%	706	23.10%	7,642	24.91%	8,409	24.66%
	Total	372	100.00%	3,056	100.00%	30,675	100.00%	34,103	100.00%

Protective Device Usage

Protective Device Usage by Posted Speed Limit

Posted Speed Limit	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under 25 mph	Not Used	0	0.00%	10	38.46%	65	15.19%	75	16.48%
	Used	1	100.00%	15	57.69%	236	55.14%	252	55.38%
	Unknown	0	0.00%	1	3.85%	127	29.67%	128	28.13%
	Total	1	100.00%	26	100.00%	428	100.00%	455	100.00%
25 to 35 mph	Not Used	11	40.74%	186	23.91%	2,163	17.01%	2,360	17.45%
	Used	10	37.04%	399	51.29%	7,199	56.60%	7,608	56.26%
	Unknown	6	22.22%	193	24.81%	3,357	26.39%	3,556	26.29%
	Total	27	100.00%	778	100.00%	12,719	100.00%	13,524	100.00%
45 to 50 mph	Not Used	19	51.35%	97	29.57%	582	17.89%	698	19.29%
	Used	12	32.43%	157	47.87%	1,902	58.45%	2,071	57.23%
	Unknown	6	16.22%	74	22.56%	770	23.66%	850	23.49%
	Total	37	100.00%	328	100.00%	3,254	100.00%	3,619	100.00%
55 mph	Not Used	66	42.04%	248	26.99%	1,037	19.65%	1,351	21.27%
	Used	66	42.04%	466	50.71%	3,092	58.59%	3,624	57.04%
	Unknown	25	15.92%	205	22.31%	1,148	21.75%	1,378	21.69%
	Total	157	100.00%	919	100.00%	5,277	100.00%	6,353	100.00%
65 mph	Not Used	17	44.74%	43	27.74%	181	19.89%	241	21.85%
	Used	15	39.47%	74	47.74%	552	60.66%	641	58.11%
	Unknown	6	15.79%	38	24.52%	177	19.45%	221	20.04%
	Total	38	100.00%	155	100.00%	910	100.00%	1,103	100.00%
Unknown	Not Used	53	47.32%	229	26.94%	1,664	20.58%	1,946	21.51%
	Used	41	36.61%	426	50.12%	4,360	53.91%	4,827	53.34%
	Unknown	18	16.07%	195	22.94%	2,063	25.51%	2,276	25.15%
	Total	112	100.00%	850	100.00%	8,087	100.00%	9,049	100.00%
Total	Not Used	166	44.62%	813	26.60%	5,692	18.56%	6,671	19.56%
	Used	145	38.98%	1,537	50.29%	17,341	56.53%	19,023	55.78%
	Unknown	61	16.40%	706	23.10%	7,642	24.91%	8,409	24.66%
	Total	372	100.00%	3,056	100.00%	30,675	100.00%	34,103	100.00%

Protective Device Usage by Crash Type

Crash Type	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Overturned	Not Used	22	62.86%	85	32.44%	349	21.91%	456	24.13%
	Used	10	28.57%	108	41.22%	919	57.69%	1,037	54.87%
	Unknown	3	8.57%	69	26.34%	325	20.40%	397	21.01%
	Total	35	100.00%	262	100.00%	1,593	100.00%	1,890	100.00%
Other Vehicle	Not Used	90	38.63%	410	21.18%	4,053	17.27%	4,553	17.76%
	Used	112	48.07%	1,078	55.68%	13,460	57.36%	14,650	57.15%
	Unknown	31	13.30%	448	23.14%	5,951	25.36%	6,430	25.08%
	Total	233	100.00%	1,936	100.00%	23,464	100.00%	25,633	100.00%
Parked Vehicle	Not Used	1	100.00%	23	47.92%	93	23.48%	117	26.29%
	Used	0	0.00%	14	29.17%	182	45.96%	196	44.04%
	Unknown	0	0.00%	11	22.92%	121	30.56%	132	29.66%
	Total	1	100.00%	48	100.00%	396	100.00%	445	100.00%
Animal	Not Used	0	0.00%	2	7.14%	129	18.43%	131	17.99%
	Used	0	0.00%	20	71.43%	394	56.29%	414	56.87%
	Unknown	0	0.00%	6	21.43%	177	25.29%	183	25.14%
	Total	0	0.00%	28	100.00%	700	100.00%	728	100.00%
Fixed Object	Not Used	45	53.57%	236	39.66%	788	24.77%	1,069	27.69%
	Used	19	22.62%	227	38.15%	1,644	51.68%	1,890	48.96%
	Unknown	20	23.81%	132	22.18%	749	23.55%	901	23.34%
	Total	84	100.00%	595	100.00%	3,181	100.00%	3,860	100.00%
Other Object	Not Used	0	0.00%	7	25.00%	44	23.53%	51	23.61%
	Used	1	100.00%	18	64.29%	98	52.41%	117	54.17%
	Unknown	0	0.00%	3	10.71%	45	24.06%	48	22.22%
	Total	1	100.00%	28	100.00%	187	100.00%	216	100.00%
Other Unknown	Not Used	8	44.44%	50	31.45%	236	20.45%	294	22.09%
	Used	3	16.67%	72	45.28%	644	55.81%	719	54.02%
	Unknown	7	38.89%	37	23.27%	274	23.74%	318	23.89%
	Total	18	100.00%	159	100.00%	1,154	100.00%	1,331	100.00%
Total	Not Used	166	44.62%	813	26.60%	5,692	18.56%	6,671	19.56%
	Used	145	38.98%	1,537	50.29%	17,341	56.53%	19,023	55.78%
	Unknown	61	16.40%	706	23.10%	7,642	24.91%	8,409	24.66%
	Total	372	100.00%	3,056	100.00%	30,675	100.00%	34,103	100.00%

Protective Device Usage—Children

Protective Device Usage by Children Under Age 6 & by Position in Vehicle

Position of Child	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Front Seat	None	0	0.00%	4	26.67%	48	16.96%	52	17.33%
	Belt	1	50.00%	6	40.00%	144	50.88%	151	50.33%
	Child	0	0.00%	1	6.67%	27	9.54%	28	9.33%
	Other	0	0.00%	2	13.33%	13	4.59%	15	5.00%
	Unknown	1	50.00%	2	13.33%	51	18.02%	54	18.00%
	Total	2	100.00%	15	100.00%	283	100.00%	300	100.00%
Back Seat	None	0	0.00%	6	18.18%	43	11.08%	49	11.58%
	Belt	0	0.00%	9	27.27%	158	40.72%	167	39.48%
	Child	2	100.00%	9	27.27%	101	26.03%	112	26.48%
	Other	0	0.00%	1	3.03%	16	4.12%	17	4.02%
	Unknown	0	0.00%	8	24.24%	70	18.04%	78	18.44%
	Total	2	100.00%	33	100.00%	388	100.00%	423	100.00%
Third Row Seat	None	0	0.00%	1	9.09%	14	8.64%	15	8.52%
	Belt	1	33.33%	5	45.45%	53	32.72%	59	33.52%
	Child	2	66.67%	5	45.45%	64	39.51%	71	40.34%
	Other	0	0.00%	0	0.00%	2	1.23%	2	1.14%
	Unknown	0	0.00%	0	0.00%	29	17.90%	29	16.48%
	Total	3	100.00%	11	100.00%	162	100.00%	176	100.00%
Other or Unknown	None	0	0.00%	0	0.00%	3	75.00%	3	75.00%
	Belt	0	0.00%	0	0.00%	0	0.00%	0	0.00%
	Child	0	0.00%	0	0.00%	0	0.00%	0	0.00%
	Other	0	0.00%	0	0.00%	0	0.00%	0	0.00%
	Unknown	0	0.00%	0	0.00%	1	25.00%	1	25.00%
	Total	0	0.00%	0	0.00%	4	100.00%	4	100.00%
Total	None	0	0.00%	11	18.64%	108	12.90%	119	13.18%
	Belt	2	28.57%	20	33.90%	355	42.41%	377	41.75%
	Child	4	57.14%	15	25.42%	192	22.94%	211	23.37%
	Other	0	0.00%	3	5.08%	31	3.70%	34	3.77%
	Unknown	1	14.29%	10	16.95%	151	18.04%	162	17.94%
	Total	7	100.00%	59	100.00%	837	100.00%	903	100.00%

10-Year Statistics for Children Under Age 6 & Percentage Using Child Restraints

Year	Fatalities	Injuries	Child Restraint Usage Rate
2000	7	896	23.37%
1999	3	930	18.86%
1998	5	788	N/A
1997	8	1,029	N/A
1996	17	909	N/A
1995	8	1,283	19.57%
1994	7	1,245	17.81%
1993	9	889	26.82%
1992	5	907	28.36%
1991	13	950	30.77%

Usage rate is the percentage of children injured or killed who were using a child restraint.

When Crashes Happened

Fatalities by Date

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1	1	1	1	0	0	1	2	1	4	0	0	4	15
2	0	0	3	1	3	0	1	3	1	1	3	2	18
3	2	1	0	3	0	0	1	1	2	3	0	0	13
4	3	1	2	3	0	1	2	3	3	0	5	3	26
5	0	1	3	1	0	1	3	4	1	1	0	0	15
6	1	1	1	3	1	1	0	3	1	1	2	0	15
7	4	1	0	0	1	1	1	2	0	1	0	0	11
8	1	0	0	0	2	1	0	0	0	3	2	4	13
9	2	1	0	2	1	2	3	0	1	1	2	4	19
10	2	0	1	0	1	2	1	0	3	1	1	1	13
11	0	0	0	0	2	2	0	1	0	4	1	0	10
12	0	1	0	0	2	3	1	2	0	1	0	0	10
13	1	1	2	0	1	1	1	0	1	1	3	1	13
14	0	1	0	0	0	0	2	2	2	0	1	1	9
15	3	3	5	0	0	2	0	0	0	0	0	2	15
16	0	0	2	2	3	0	3	2	3	2	0	1	18
17	2	0	0	1	0	1	0	1	2	0	0	1	8
18	2	0	4	0	1	1	0	1	0	0	1	1	11
19	4	1	2	0	4	1	1	0	0	5	0	1	19
20	0	1	1	3	2	4	0	1	0	1	0	0	13
21	1	0	2	2	0	0	0	1	2	2	2	3	15
22	0	4	1	3	1	2	2	0	1	2	0	1	17
23	1	0	1	1	2	0	1	0	1	2	1	1	11
24	0	1	0	0	3	0	0	1	0	0	1	0	6
25	1	1	0	1	1	2	3	2	2	1	0	0	14
26	0	0	2	1	4	2	1	0	1	4	1	1	17
27	0	2	0	2	2	3	1	1	1	0	0	1	13
28	6	5	1	5	0	0	0	1	3	0	3	0	24
29	2	1	3	1	0	1	3	2	4	1	0	2	20
30	0	N/A	0	0	0	1	3	0	3	2	2	0	11
31	0	N/A	0	N/A	0	N/A	6	5	N/A	2	N/A	0	13
Total	39	29	37	35	37	36	42	40	42	42	31	35	445

When Crashes Happened

Crashes by Time of Day

Time of Day	Fatal Crashes		Injury Crashes		Property Damage		All Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Midnight to 2:59 a.m.	48	12.18%	1,095	4.61%	1,946	4.84%	3,089	4.80%
3:00 a.m. to 5:59 a.m.	20	5.08%	638	2.68%	1,450	3.61%	2,108	3.28%
6:00 a.m. to 8:59 a.m.	41	10.41%	2,856	12.02%	4,982	12.39%	7,879	12.24%
9:00 a.m. to 11:59 a.m.	38	9.64%	3,087	12.99%	5,270	13.11%	8,395	13.04%
Noon to 2:59 p.m.	59	14.97%	4,582	19.28%	6,756	16.80%	11,397	17.71%
3:00 p.m. to 5:59 p.m.	88	22.34%	6,400	26.93%	9,166	22.80%	15,654	24.32%
6:00 p.m. to 8:59 p.m.	47	11.93%	3,049	12.83%	5,780	14.38%	8,876	13.79%
9:00 p.m. to 11:59 p.m.	48	12.18%	1,949	8.20%	4,080	10.15%	6,077	9.44%
Unknown	5	1.27%	107	0.45%	774	1.93%	886	1.38%
Total	394	100.00%	23,763	100.00%	40,204	100.00%	64,361	100.00%

Crashes by Day of Week

Day of Week	Fatal Crashes		Injury Crashes		Property Damage		All Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Sunday	57	14.47%	2,470	10.39%	4,157	10.34%	6,684	10.39%
Monday	61	15.48%	3,469	14.60%	5,569	13.85%	9,099	14.14%
Tuesday	54	13.71%	3,394	14.28%	5,640	14.03%	9,088	14.12%
Wednesday	36	9.14%	3,391	14.27%	5,827	14.49%	9,254	14.38%
Thursday	62	15.74%	3,461	14.56%	5,964	14.83%	9,487	14.74%
Friday	58	14.72%	4,220	17.76%	7,384	18.37%	11,662	18.12%
Saturday	66	16.75%	3,358	14.13%	5,663	14.09%	9,087	14.12%
Total	394	100.00%	23,763	100.00%	40,204	100.00%	64,361	100.00%

Crashes by Month

Month	Fatal Crashes		Injury Crashes		Property Damage		All Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
January	32	8.12%	1,947	8.19%	3,739	9.30%	5,718	8.88%
February	26	6.60%	1,548	6.51%	2,932	7.29%	4,506	7.00%
March	31	7.87%	1,586	6.67%	2,409	5.99%	4,026	6.26%
April	30	7.61%	1,836	7.73%	2,679	6.66%	4,545	7.06%
May	31	7.87%	2,088	8.79%	3,163	7.87%	5,282	8.21%
June	34	8.63%	2,076	8.74%	3,098	7.71%	5,208	8.09%
July	38	9.64%	1,850	7.79%	2,671	6.64%	4,559	7.08%
August	35	8.88%	1,971	8.29%	2,627	6.53%	4,633	7.20%
September	40	10.15%	2,085	8.77%	3,055	7.60%	5,180	8.05%
October	35	8.88%	2,041	8.59%	3,516	8.75%	5,592	8.69%
November	29	7.36%	2,010	8.46%	4,203	10.45%	6,242	9.70%
December	33	8.38%	2,725	11.47%	6,112	15.20%	8,870	13.78%
Total	394	100.00%	23,763	100.00%	40,204	100.00%	64,361	100.00%

When Crashes Happened

Crashes by Time of Day & Day of Week

Day of Week	Type of Crash	Midnight to 2:59 a.m.	3:00 a.m. to 5:59 a.m.	6:00 a.m. to 8:59 a.m.	9:00 a.m. to 11:59 a.m.	Noon to 2:59 p.m.	3:00 p.m. to 5:59 p.m.	6:00 p.m. to 8:59 p.m.	9:00 p.m. to 11:59 p.m.	Unknown	Total
SUN	Fatal	11	4	5	8	7	9	3	9	1	57
	Injury	323	127	139	306	458	539	354	203	21	2,470
	Property	491	233	258	504	674	702	735	470	90	4,157
	Total	825	364	402	818	1,139	1,250	1,092	682	112	6,684
MON	Fatal	6	2	9	9	13	12	6	4	0	61
	Injury	78	78	527	445	642	1,050	407	233	9	3,469
	Property	161	207	917	725	917	1,400	736	412	94	5,569
	Total	245	287	1,453	1,179	1,572	2,462	1,149	649	103	9,099
TUE	Fatal	4	0	6	5	8	17	7	5	2	54
	Injury	80	74	508	405	674	1,008	400	229	16	3,394
	Property	157	166	798	790	924	1,452	782	481	90	5,640
	Total	241	240	1,312	1,200	1,606	2,477	1,189	715	108	9,088
WED	Fatal	4	2	5	2	7	8	5	3	0	36
	Injury	88	58	467	463	693	981	417	212	12	3,391
	Property	167	189	866	736	1,065	1,426	794	470	114	5,827
	Total	259	249	1,338	1,201	1,765	2,415	1,216	685	126	9,254
THU	Fatal	3	5	5	9	6	20	8	6	0	62
	Injury	83	76	497	416	666	1,004	456	244	19	3,461
	Property	191	208	839	787	1,008	1,542	758	519	112	5,964
	Total	277	289	1,341	1,212	1,680	2,566	1,222	769	131	9,487
FRI	Fatal	5	2	6	4	9	12	6	12	2	58
	Injury	123	95	491	538	796	1,176	562	420	19	4,220
	Property	251	206	922	891	1,268	1,763	1,073	878	132	7,384
	Total	379	303	1,419	1,433	2,073	2,951	1,641	1,310	153	11,662
SAT	Fatal	15	5	5	1	9	10	12	9	0	66
	Injury	320	130	227	514	653	642	453	408	11	3,358
	Property	528	241	382	837	900	881	902	850	142	5,663
	Total	863	376	614	1,352	1,562	1,533	1,367	1,267	153	9,087
TOTAL	Fatal	48	20	41	38	59	88	47	48	5	394
	Injury	1,095	638	2,856	3,087	4,582	6,400	3,049	1,949	107	23,763
	Property	1,946	1,450	4,982	5,270	6,756	9,166	5,780	4,080	774	40,204
	Total	3,089	2,108	7,879	8,395	11,397	15,654	8,876	6,077	886	64,361

When Crashes Happened

Total & Alcohol-Related Fatalities on Holidays

Holiday periods list the number of full days. Fatalities occurring from 6 p.m. to midnight on the previous day are also included. Regular weekend periods are from 6 p.m. Friday to midnight Sunday.

Beginning in 1978 the number of alcohol-related traffic fatalities for a given holiday is included, as well as the total number of holiday fatalities.

Beginning in 1981 the number of days included in a holiday period has been standardized as follows:

- 1 day if a holiday falls on a Wednesday
- 3 days if a holiday falls on Friday through Monday

Year	New Years			Memorial			Fourth of July			Labor Day			Thanksgiving			Christmas		
	Fatal	Alcohol	Days	Fatal	Alcohol	Days	Fatal	Alcohol	Days	Fatal	Alcohol	Days	Fatal	Alcohol	Days	Fatal	Alcohol	Days
1967	1		1	11		3	19		4	18		3			4	5		1
1968	12		4	7		3	1		3	11		3			4	7		4
1969	8		3	8		3	10		3	13		3			4	7		3
1970	4		3	5		3	12		3	15		3			4	9		3
1971	5		3	9		3	3		1	6		3			4	12		3
1972	6		4	7		3	5		1	11		3			4	9		4
1973	6		10	4		3	8		4	16		3			4	4		1
1974	5		4	6		3	7		3	8		3			4	5		4
1975	9		3	6		3	16		3	10		3			4	5		3
1976	1		3	11		3	16		3	6		3			4	5		3
1977	1	0	3	13	6	3	8	5	4	5	1	3	12	5	4	3	2	4
1978	3	3	3	9	5	3	8	4	1	11	8	3	10	6	4	11	6	4
1979	13	7	4	5	2	3	9	7	3	11	6	3	13	9	4	1	1	4
1980	8	4	4	8	3	3	6	2	3	7	4	3	7	2	4	6	1	3
1981	4	3	3	3	2	3	5	3	3	9	6	3	8	3	4	10	2	3
1982	17	11	3	10	9	3	9	8	3	5	2	3	3	1	4	2	0	3
1983	3	3	3	4	0	3	3	2	1	7	7	3	4	0	4	6	2	4
1984	4	2	4	5	2	3	7	6	4	13	12	3	11	1	4	0	0	1
1985	0	0	1	7	7	3	3	2	3	8	5	3	4	3	4	8	5	4
1986	3	2	4	9	6	3	10	5	3	4	4	3	8	1	4	4	1	3
1987	4	4	3	6	4	3	11	6	3	5	3	3	5	1	4	14	6	3
1988	2	1	3	12	5	3	14	5	4	8	1	3	5	4	4	6	2	3
1989	3	1	3	8	4	3	2	2	1	6	3	3	5	3	4	7	5	4
1990	12	10	4	10	5	3	11	7	4	2	0	3	10	2	4	0	0	1
1991	1	0	3	4	2	3	8	0	3	5	4	3	4	1	4	1	0	3
1992	7	4	3	4	1	3	8	4	3	7	4	3	7	4	4	4	1	3
1993	8	1	3	4	0	3	13	5	3	3	2	3	4	0	4	9	4	3
1994	4	1	3	6	1	3	6	2	4	12	2	3	7	0	4	1	0	3
1995	1	0	3	4	2	3	11	2	4	5	0	3	9	4	4	3	0	4
1996	4	4	1	4	1	3	6	3	3	3	2	3	3	1	4	2	2	4
1997	5	2	4	1	1	3	3	1	3	4	1	3	3	0	4	5	1	3
1999	2	2	3	5	1	3	2	0	3	2	0	3	8	3	4	2	1	3
2000	5	4	3	4	1	3	7	3	4	7	1	3	3	2	4	1	0	1

Where Crashes Happened

Crashes by County

County	Fatalities	Injuries	Crashes			Population		Licensed Drivers		Vehicle Registrations		Vehicle Miles Traveled (Millions)	
			Fatal	Injury	Prop	Total	Number	Crash Rate per 1,000	Number	Crash Rate per 1,000	Number	Crash Rate per 1,000	Number
Adair	3	127	2	88	139	229	8,243	6,310	36.29	10,001	22.90	253,007	0.91
Adams	1	49	1	34	66	101	4,482	3,596	28.09	5,879	17.18	51,443	0.20
Allamakee	3	124	3	81	212	296	14,675	10,635	27.83	16,552	17.88	118,193	0.25
Appanoose	0	169	0	116	192	308	13,721	10,180	30.26	16,166	19.05	114,841	0.27
Audubon	2	54	2	37	41	80	6,830	5,292	15.12	8,204	9.75	57,710	0.14
Benton	1	245	1	155	229	385	25,308	18,147	21.22	28,869	13.34	279,420	0.14
Black Hawk	12	1,513	12	991	1,436	2,439	128,012	88,436	27.58	124,040	19.66	1,096,151	0.22
Boone	3	314	3	208	297	508	26,224	18,474	27.50	29,190	17.40	254,233	0.20
Bremer	2	205	2	147	304	453	23,325	17,347	26.11	25,217	17.96	225,373	0.20
Buchanan	5	182	5	129	245	379	21,093	14,695	25.79	22,383	16.93	242,885	0.16
Buena Vista	6	208	6	123	226	355	20,411	14,475	24.53	21,445	16.55	166,214	0.21
Butler	5	108	4	63	162	229	15,305	12,031	19.03	18,714	12.24	158,540	0.14
Calhoun	2	95	2	71	99	172	11,115	8,304	20.71	12,969	13.26	113,015	0.15
Carroll	5	183	5	116	264	385	21,421	16,444	23.41	23,960	16.07	192,241	0.20
Cass	3	175	3	120	233	356	14,684	11,383	31.27	17,960	19.82	280,457	0.13
Cedar	4	178	4	126	274	404	18,187	12,916	31.28	21,468	18.82	419,058	0.10
Cerro Gordo	3	550	3	372	821	1,196	46,447	33,971	35.21	48,880	24.47	526,773	0.23
Cherokee	1	147	1	94	207	302	13,035	10,188	29.64	15,990	18.89	119,498	0.25
Chickasaw	4	107	4	72	162	238	13,095	10,168	23.41	15,833	15.03	134,855	0.18
Clarke	5	120	1	83	183	267	9,133	6,632	40.26	10,478	25.48	168,719	0.16
Clay	6	269	6	172	254	432	17,372	13,345	32.37	20,402	21.17	185,432	0.23
Clayton	2	165	2	116	297	415	18,678	14,130	29.37	22,036	18.83	196,598	0.21
Clinton	5	711	5	501	882	1,388	50,149	35,857	38.71	52,964	26.21	409,363	0.34
Crawford	3	137	3	97	242	342	16,942	12,227	27.97	19,542	17.50	179,088	0.19
Dallas	6	355	6	235	402	643	40,750	24,442	26.31	40,612	15.83	559,304	0.11
Davis	3	91	2	51	115	168	8,541	5,694	29.50	9,532	17.62	83,812	0.20
Decatur	4	101	3	58	85	146	8,689	5,618	25.99	9,172	15.92	168,743	0.09
Delaware	6	166	3	118	274	395	18,404	13,859	28.50	20,962	18.84	195,883	0.20
Des Moines	1	401	1	263	688	952	42,351	30,914	30.80	45,621	20.87	325,627	0.29
Dickinson	4	182	3	127	249	379	16,424	12,900	29.38	19,371	19.57	175,554	0.22
Dubuque	2	1,202	2	831	1,260	2,093	89,143	63,150	33.14	86,704	24.14	658,486	0.32
Emmet	2	142	2	93	188	283	11,027	8,362	33.84	13,071	21.65	87,976	0.32
Fayette	8	193	8	125	265	398	22,008	16,165	24.62	24,594	16.18	196,770	0.20

Where Crashes Happened

Crashes by County—Continued

County	Fatalities	Injuries	Crashes			Population		Licensed Drivers		Vehicle Registrations		Vehicle Miles Traveled (Millions)		
			Fatal	Injury	Prop	Total	Number	Crash Rate per 1,000	Number	Crash Rate per 1,000	Number	Crash Rate per 1,000	Number	Crash Rate per Million
Floyd	4	183	4	119	294	417	16,900	24.67	12,498	33.37	19,252	21.66	157,425	0.26
Franklin	1	115	1	78	214	293	10,704	27.37	8,247	35.53	13,210	22.18	240,055	0.12
Fremont	2	127	2	76	130	208	8,010	25.97	6,116	34.01	10,432	19.94	183,078	0.11
Greene	4	141	3	82	112	197	10,366	19.00	7,852	25.09	12,572	15.67	112,685	0.17
Grundy	1	108	1	81	114	196	12,369	15.85	9,138	21.45	14,689	13.34	156,217	0.13
Guthrie	1	95	1	62	87	150	11,353	13.21	8,364	17.93	14,001	10.71	100,318	0.15
Hamilton	4	205	4	138	293	435	16,438	26.46	11,889	36.59	18,899	23.02	344,235	0.13
Hancock	1	101	1	63	99	163	12,100	13.47	9,113	17.89	14,883	10.95	124,630	0.13
Hardin	1	174	1	119	213	333	18,812	17.70	14,158	23.52	22,004	15.13	173,341	0.19
Harrison	6	188	5	108	232	345	15,666	22.02	11,563	29.84	19,763	17.46	271,078	0.13
Henry	10	275	7	172	300	479	20,336	23.55	14,193	33.75	21,475	22.31	194,350	0.25
Howard	2	65	2	46	151	199	9,932	20.04	7,464	26.66	12,176	16.34	93,424	0.21
Humboldt	2	121	2	78	150	230	10,381	22.16	8,010	28.71	12,923	17.80	111,361	0.21
Ida	0	72	0	46	105	151	7,837	19.27	6,151	24.55	9,750	15.49	78,214	0.19
Iowa	9	187	7	113	284	404	15,671	25.78	11,539	35.01	19,270	20.97	394,493	0.10
Jackson	6	164	6	118	174	298	20,296	14.68	15,031	19.83	23,245	12.82	176,530	0.17
Jasper	8	360	7	256	438	701	37,213	18.84	26,587	26.37	40,056	17.50	619,404	0.11
Jefferson	0	175	0	121	234	355	16,181	21.94	12,342	28.76	17,896	19.84	128,580	0.28
Johnson	12	1,264	10	882	1,692	2,584	111,006	23.28	72,070	35.85	92,655	27.89	1,100,714	0.23
Jones	6	172	6	105	225	336	20,221	16.62	13,991	24.02	22,009	15.27	192,220	0.17
Keokuk	2	68	2	45	67	114	11,400	10.00	8,492	13.42	13,966	8.16	129,805	0.09
Kossuth	0	164	0	106	133	239	17,163	13.93	13,805	17.31	21,150	11.30	171,839	0.14
Lee	5	374	5	248	496	749	38,052	19.68	27,075	27.66	42,096	17.79	317,985	0.24
Linn	22	2,340	19	1,600	2,810	4,429	191,701	23.10	138,768	31.92	195,020	22.71	1,529,927	0.29
Louisa	1	84	1	53	137	191	12,183	15.68	8,171	23.38	14,432	13.23	112,330	0.17
Lucas	5	75	4	51	119	174	9,422	18.47	6,857	25.38	10,472	16.62	94,489	0.18
Lyon	4	111	2	67	127	196	11,763	16.66	8,808	22.25	14,440	13.57	110,743	0.18
Madison	2	128	2	83	134	219	14,019	15.62	10,085	21.72	16,343	13.40	125,928	0.17
Mahaska	6	297	4	198	356	558	22,335	24.98	16,092	34.68	25,110	22.22	212,746	0.26
Marion	2	282	2	190	383	575	32,052	17.94	23,051	24.94	34,984	16.44	261,690	0.22
Marshall	3	411	3	290	569	862	39,311	21.93	28,047	30.73	42,350	20.35	334,978	0.26
Mills	3	132	3	97	202	302	14,547	20.76	10,391	29.06	17,564	17.19	217,102	0.14
Mitchell	1	116	1	71	97	169	10,874	15.54	8,174	20.68	13,142	12.86	95,944	0.18

Where Crashes Happened

Crashes by County—Continued

County	Fatalities	Injuries	Crashes			Population		Licensed Drivers		Vehicle Registrations		Vehicle Miles Traveled (Millions)	
			Fatal	Injury	Prop	Total	Number	Crash Rate per 1,000	Number	Crash Rate per 1,000	Number	Crash Rate per 1,000	Number
Monona	3	91	2	70	144	216	10,020	7,404	29.17	12,567	17.19	203,404	0.11
Monroe	2	68	2	49	97	148	8,016	5,903	25.07	9,753	15.17	85,758	0.17
Montgomery	0	74	0	53	166	219	11,771	8,932	24.52	13,740	15.94	97,153	0.23
Muscatine	5	454	5	296	417	718	41,722	29,712	24.17	45,238	15.87	345,676	0.21
O'Brien	0	166	0	104	195	299	15,102	11,624	25.72	17,763	16.83	130,091	0.23
Osceola	2	40	2	24	86	112	7,003	5,403	20.73	8,786	12.75	76,470	0.15
Page	1	151	1	101	242	344	16,976	12,231	28.13	18,395	18.70	131,494	0.26
Palo Alto	2	84	2	57	114	173	10,147	7,653	22.61	11,546	14.98	99,118	0.17
Plymouth	4	271	4	184	284	472	24,949	17,944	26.30	28,292	16.68	247,160	0.19
Pocahontas	0	87	0	54	70	124	8,662	6,836	18.14	10,767	11.52	97,703	0.13
Polk	35	6,549	29	4,234	6,433	10,696	374,601	269,993	39.62	378,336	28.27	3,660,466	0.29
Pottawattamie	23	1,421	20	947	1,340	2,307	87,704	63,293	36.45	98,160	23.50	1,191,708	0.19
Poweshiek	5	246	5	161	228	394	18,815	13,562	29.05	21,143	18.64	375,595	0.10
Ringgold	0	42	0	31	120	151	5,469	4,101	36.82	6,685	22.59	56,746	0.27
Sac	5	114	3	73	105	181	11,529	8,966	20.19	13,804	13.11	124,109	0.15
Scott	12	2,865	10	1,818	2,396	4,224	158,668	113,623	37.18	164,934	25.61	1,486,355	0.28
Shelby	4	89	4	53	101	158	13,173	10,071	15.69	15,485	10.20	119,962	0.13
Sioux	9	293	9	174	265	448	31,589	22,104	20.27	33,268	13.47	257,271	0.17
Story	9	820	9	567	1,015	1,591	79,981	53,099	29.96	67,616	23.53	681,366	0.23
Tama	4	155	4	104	276	384	18,103	12,861	29.86	20,884	18.39	195,336	0.20
Taylor	2	19	2	17	117	136	6,958	5,206	26.12	8,635	15.75	50,883	0.27
Union	2	109	2	79	171	252	12,309	9,377	26.87	14,849	16.97	113,390	0.22
Van Buren	4	83	4	46	110	160	7,809	5,635	28.39	9,529	16.79	75,375	0.21
Wapello	3	498	3	321	434	758	36,051	25,284	29.98	39,430	19.22	280,664	0.27
Warren	8	433	8	275	488	771	40,671	27,703	27.83	42,288	18.23	474,743	0.16
Washington	10	214	8	131	267	406	20,670	14,494	28.01	22,755	17.84	236,318	0.17
Wayne	3	45	2	32	53	87	6,730	4,964	17.53	8,211	10.60	69,274	0.13
Webster	6	553	6	361	667	1,034	40,235	28,255	36.60	42,840	24.14	357,545	0.29
Winnebago	1	71	1	51	82	134	11,723	9,099	14.73	14,503	9.24	84,392	0.16
Winneshiek	6	282	6	176	413	595	21,310	14,831	40.12	22,625	26.30	190,280	0.31
Woodbury	12	1,605	10	1,031	868	1,909	103,877	69,751	27.37	104,471	18.27	842,837	0.23
Worth	1	79	1	49	89	139	7,909	5,979	23.25	10,051	13.83	165,625	0.08
Wright	4	118	2	65	187	254	14,334	10,555	24.06	16,409	15.48	153,102	0.17
Total	445	36,031	394	23,763	40,204	64,361	2,926,324	2,096,867	30.69	3,124,768	20.60	29,820,489	0.22

Roadway & Environmental Conditions

Road Surface Condition

Road Surface Condition	Vehicles							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Dry	480	65.48%	29,386	58.06%	41,534	50.73%	71,400	53.60%
Wet	90	12.28%	6,355	12.56%	9,045	11.05%	15,490	11.63%
Ice	49	6.68%	4,175	8.25%	8,230	10.05%	12,454	9.35%
Snow	41	5.59%	4,684	9.25%	9,988	12.20%	14,713	11.04%
Gravel	40	5.46%	1,171	2.31%	1,355	1.65%	2,566	1.93%
Mud	0	0.00%	52	0.10%	78	0.10%	130	0.10%
Debris	0	0.00%	69	0.14%	101	0.12%	170	0.13%
Other	3	0.41%	228	0.45%	307	0.37%	538	0.40%
Unknown	30	4.09%	4,492	8.88%	11,236	13.72%	15,758	11.83%
Total	733	100.00%	50,612	100.00%	81,874	100.00%	133,219	100.00%

Up to two road surface conditions may be listed for each vehicle.

Light Conditions

Light Conditions	Fatalities		Injuries		Crashes							
	Fatal		Injury		Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Daylight	252	56.63%	25,811	71.64%	222	56.35%	16,893	71.09%	24,780	61.64%	41,895	65.09%
Dusk	11	2.47%	1,039	2.88%	7	1.78%	693	2.92%	1,307	3.25%	2,007	3.12%
Dawn	9	2.02%	486	1.35%	9	2.28%	369	1.55%	958	2.38%	1,336	2.08%
Darkness, Lighted	35	7.87%	4,405	12.23%	32	8.12%	2,844	11.97%	5,198	12.93%	8,074	12.54%
Darkness, Not Lighted	134	30.11%	4,245	11.78%	120	30.46%	2,924	12.30%	7,610	18.93%	10,654	16.55%
Unknown	4	0.90%	45	0.12%	4	1.02%	40	0.17%	351	0.87%	395	0.61%
Total	445	100.00%	36,031	100.00%	394	100.00%	23,763	100.00%	40,204	100.00%	64,361	100.00%

Character of Roadway

Character of Roadway	Fatalities		Injuries		Crashes							
	Fatal		Injury		Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
No Special Feature	227	51.01%	12,411	34.45%	201	51.02%	8,573	36.08%	18,196	45.26%	26,970	41.90%
Bridge or Over/Underpass	19	4.27%	1,020	2.83%	16	4.06%	704	2.96%	1,078	2.68%	1,798	2.79%
Railroad Crossing	5	1.12%	149	0.41%	4	1.02%	88	0.37%	156	0.39%	248	0.39%
Business Drive	4	0.90%	892	2.48%	4	1.02%	580	2.44%	1,133	2.82%	1,717	2.67%
Residential Drive	17	3.82%	953	2.64%	17	4.31%	629	2.65%	1,158	2.88%	1,804	2.80%
Other Non-Intersection	5	1.12%	624	1.73%	5	1.27%	443	1.86%	967	2.41%	1,415	2.20%
Intersection	151	33.93%	18,794	52.16%	133	33.76%	11,925	50.18%	15,664	38.96%	27,722	43.07%
Interchange	15	3.37%	869	2.41%	13	3.30%	593	2.50%	926	2.30%	1,532	2.38%
Unknown	2	0.45%	319	0.89%	1	0.25%	228	0.96%	926	2.30%	1,155	1.79%
Total	445	100.00%	36,031	100.00%	394	100.00%	23,763	100.00%	40,204	100.00%	64,361	100.00%

Weather Conditions

Weather Conditions	Crashes							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Clear	236	52.91%	14,442	52.90%	23,604	50.95%	38,282	51.68%
Cloudy	116	26.01%	6,405	23.46%	10,003	21.59%	16,524	22.31%
Fog	15	3.36%	285	1.04%	504	1.09%	804	1.09%
Mist	12	2.69%	627	2.30%	1,055	2.28%	1,694	2.29%
Rain	17	3.81%	1,470	5.38%	2,163	4.67%	3,650	4.93%
Sleet/Hail	1	0.22%	252	0.92%	426	0.92%	679	0.92%
Snow	19	4.26%	1,783	6.53%	3,697	7.98%	5,499	7.42%
Strong Wind	17	3.81%	851	3.12%	1,480	3.19%	2,348	3.17%
Other	2	0.45%	192	0.70%	325	0.70%	519	0.70%
Unknown	11	2.47%	996	3.65%	3,071	6.63%	4,078	5.51%
Total	446	100.00%	27,303	100.00%	46,328	100.00%	74,077	100.00%

Up to two weather conditions may be listed for each crash.

Roadway & Environmental Conditions

Speed Limit

Speed Limit	Vehicles							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under 25 mph	2	0.30%	740	1.69%	1,732	2.51%	2,474	2.18%
25 mph	25	3.81%	8,085	18.50%	15,153	21.94%	23,263	20.51%
30 mph	18	2.74%	3,945	9.02%	4,944	7.16%	8,907	7.85%
35 mph	30	4.57%	7,042	16.11%	7,581	10.98%	14,653	12.92%
40 mph	4	0.61%	848	1.94%	770	1.11%	1,622	1.43%
45 mph	25	3.81%	2,291	5.24%	2,171	3.14%	4,487	3.96%
50 mph	34	5.18%	972	2.22%	987	1.43%	1,993	1.76%
55 mph	414	63.01%	6,018	13.77%	7,286	10.55%	13,718	12.09%
60 mph	0	0.00%	23	0.05%	10	0.01%	33	0.03%
65 mph	64	9.74%	1,007	2.30%	1,543	2.23%	2,614	2.30%
Unknown	41	6.24%	12,742	29.15%	26,885	38.93%	39,668	34.97%
Total	657	100.00%	43,713	100.00%	69,062	100.00%	113,432	100.00%

Roadway/Environmental Related Contributing Circumstances

Roadway/Environmental Related Contributing Circumstance	Vehicles							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
None Apparent	497	75.65%	29,746	68.05%	36,651	53.07%	66,894	58.97%
Weather Conditions	27	4.11%	1,252	2.86%	1,699	2.46%	2,978	2.63%
Surface Conditions	38	5.78%	3,314	7.58%	5,259	7.61%	8,611	7.59%
Roadway Defect	1	0.15%	14	0.03%	22	0.03%	37	0.03%
Pedestrian Action	10	1.52%	176	0.40%	39	0.06%	225	0.20%
Pedestrian Drinking	0	0.00%	11	0.03%	8	0.01%	19	0.02%
Previous Accident	9	1.37%	107	0.24%	117	0.17%	233	0.21%
Animal in Roadway	2	0.30%	633	1.45%	3,440	4.98%	4,075	3.59%
Frost-Covered Bridge	3	0.46%	22	0.05%	33	0.05%	58	0.05%
Traffic Control Not Functioning	0	0.00%	60	0.14%	73	0.11%	133	0.12%
Non-Contact Vehicle	17	2.59%	694	1.59%	813	1.18%	1,524	1.34%
Road Construction	1	0.15%	284	0.65%	296	0.43%	581	0.51%
Other	3	0.46%	439	1.00%	621	0.90%	1,063	0.94%
Unknown	49	7.46%	6,961	15.92%	19,991	28.95%	27,001	23.80%
Total	657	100.00%	43,713	100.00%	69,062	100.00%	113,432	100.00%

Traffic Controls

Traffic Controls	Vehicles							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
No Controls	494	75.19%	26,250	60.05%	43,497	62.98%	70,241	61.92%
Signals	32	4.87%	9,278	21.22%	10,563	15.29%	19,873	17.52%
Stop Signs	69	10.50%	4,371	10.00%	6,098	8.83%	10,538	9.29%
Yield Signs	2	0.30%	386	0.88%	565	0.82%	953	0.84%
Warning Signs	12	1.83%	348	0.80%	335	0.49%	695	0.61%
School Signals	0	0.00%	22	0.05%	27	0.04%	49	0.04%
No Passing Zones	27	4.11%	252	0.58%	328	0.47%	607	0.54%
School Stop Signs	0	0.00%	19	0.04%	23	0.03%	42	0.04%
School Bus Stop Arms	0	0.00%	27	0.06%	29	0.04%	56	0.05%
Railroad Signs	4	0.61%	67	0.15%	104	0.15%	175	0.15%
Railroad Signals	0	0.00%	27	0.06%	52	0.08%	79	0.07%
Railroad Crossing Gates	0	0.00%	16	0.04%	39	0.06%	55	0.05%
Peace Officer	0	0.00%	37	0.08%	37	0.05%	74	0.07%
Non-Functioning Signals	0	0.00%	43	0.10%	42	0.06%	85	0.07%
Other	3	0.46%	214	0.49%	271	0.39%	488	0.43%
Unknown	14	2.13%	2,356	5.39%	7,052	10.21%	9,422	8.31%
Total	657	100.00%	43,713	100.00%	69,062	100.00%	113,432	100.00%

Roadway & Environmental Conditions

Fixed Object Struck

Fixed Object Struck	Fixed Objects							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Bridge	4	1.74%	304	2.83%	431	2.38%	739	2.54%
Building	2	0.87%	125	1.16%	178	0.98%	305	1.05%
Culvert	6	2.61%	168	1.56%	90	0.50%	264	0.91%
Curb	2	0.87%	307	2.86%	401	2.21%	710	2.44%
Ditch	127	55.22%	2,514	23.41%	1,835	10.12%	4,476	15.38%
Island/Median	2	0.87%	87	0.81%	92	0.51%	181	0.62%
Embankment/Wall	5	2.17%	203	1.89%	158	0.87%	366	1.26%
Fence	11	4.78%	302	2.81%	498	2.75%	811	2.79%
Guardrail	10	4.35%	240	2.23%	386	2.13%	636	2.19%
Light Pole	8	3.48%	299	2.78%	425	2.34%	732	2.51%
Sign	7	3.04%	386	3.59%	495	2.73%	888	3.05%
Tree/Shrub	12	5.22%	416	3.87%	421	2.32%	849	2.92%
Utility Pole	1	0.43%	385	3.58%	492	2.71%	878	3.02%
Other Pole/Support	2	0.87%	99	0.92%	150	0.83%	251	0.86%
Mailbox	1	0.43%	73	0.68%	123	0.68%	197	0.68%
Impact Attenuator	0	0.00%	12	0.11%	35	0.19%	47	0.16%
Other	10	4.35%	394	3.67%	883	4.87%	1,287	4.42%
Unknown	20	8.70%	4,426	41.21%	11,043	60.89%	15,489	53.22%
Total	230	100.00%	10,740	100.00%	18,136	100.00%	29,106	100.00%

Location of Fixed Object

Location of Fixed Object	Fixed Objects							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
On Roadway	5	2.17%	283	2.64%	426	2.35%	714	2.45%
Shoulder	24	10.43%	1,080	10.06%	1,408	7.76%	2,512	8.63%
Median	14	6.09%	295	2.75%	311	1.71%	620	2.13%
Roadside or Ditch	149	64.78%	3,473	32.34%	2,725	15.03%	6,347	21.81%
Outside Right-of-Way	18	7.83%	619	5.76%	735	4.05%	1,372	4.71%
Other	20	8.70%	4,990	46.46%	12,531	69.09%	17,541	60.27%
Total	230	100.00%	10,740	100.00%	18,136	100.00%	29,106	100.00%

Vision Obstruction

Vision Obstruction	Drivers							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
No Obstruction	518	81.06%	35,777	84.58%	50,934	79.65%	87,229	81.61%
Vegetation	8	1.25%	168	0.40%	321	0.50%	497	0.46%
Buildings	0	0.00%	69	0.16%	118	0.18%	187	0.17%
Embankment	1	0.16%	101	0.24%	198	0.31%	300	0.28%
Sign/Billboard	0	0.00%	7	0.02%	20	0.03%	27	0.03%
Hillcrest	10	1.56%	248	0.59%	321	0.50%	579	0.54%
Parked Vehicle	0	0.00%	359	0.85%	742	1.16%	1,101	1.03%
Moving Vehicle	8	1.25%	912	2.16%	1,208	1.89%	2,128	1.99%
Person/Object In/On Vehicle	1	0.16%	60	0.14%	86	0.13%	147	0.14%
Blinded by Sun/Headlights	3	0.47%	350	0.83%	508	0.79%	861	0.81%
Frosted Windows	0	0.00%	59	0.14%	173	0.27%	232	0.22%
Blowing Snow	3	0.47%	348	0.82%	610	0.95%	961	0.90%
Fog/Smoke/Dust	15	2.35%	256	0.61%	275	0.43%	546	0.51%
Other	13	2.03%	607	1.44%	1,141	1.78%	1,761	1.65%
Unknown	59	9.23%	2,978	7.04%	7,296	11.41%	10,333	9.67%
Total	639	100.00%	42,299	100.00%	63,951	100.00%	106,889	100.00%

Vehicle Summary

This section is for vehicle and vehicle occupants only. Unless otherwise indicated, this section does not include pedestrians, train occupants, or non-vehicle/non-pedestrians (i.e., horse riders, occupants of a house).

Five-Year Motor Vehicle Registrations by Vehicle Type

Motor Vehicle Registrations	1996	1997	1998	1999	2000
Passenger Cars	2,007,365	2,058,306	2,118,809	2,105,514	2,137,933
Buses	8,402	8,730	8,875	8,896	8,984
Motor Homes	21,739	22,191	22,912	22,756	22,967
Motorcycles	108,670	107,473	109,235	107,645	110,395
Mopeds	23,183	21,114	19,305	17,556	16,276
Trucks	768,171	797,463	833,988	838,207	858,716
Truck Tractors	9,323	12,078	12,701	13,207	14,145
Total	2,946,853	3,027,355	3,125,825	3,113,781	3,169,416

Does not include miscellaneous vehicles or trucks registered in more than one state.

Single & Multiple Vehicle Crashes by Number of Vehicles Involved

Number of Vehicles Involved in Crashes	Crashes							
	Fatal Crashes		Injury Crashes		Property Crashes		Total Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
One-Vehicle Crash	170	43.15%	6,563	27.62%	13,208	32.85%	19,941	30.98%
Two-Vehicle Crash	189	47.97%	14,928	62.82%	25,393	63.16%	40,510	62.94%
Three- or More-Vehicle Crash	35	8.88%	2,272	9.56%	1,603	3.99%	3,910	6.08%
Total	394	100.00%	23,763	100.00%	40,204	100.00%	64,361	100.00%

Drivers with Iowa Licenses in Fatal Crashes and All Crashes by Vehicle Type

Crashes by Vehicle Type	Drivers with Iowa Licenses in Fatal Crashes		Vehicles							
			Fatal Crashes		Injury Crashes		Property Crashes		Total Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Passenger Cars	312	49.52%	345	52.51%	27,942	63.92%	42,071	60.92%	70,358	62.03%
Passenger Cars with Trailers	0	0.00%	1	0.15%	39	0.09%	96	0.14%	136	0.12%
Vans or Panel Trucks	1	0.16%	2	0.30%	267	0.61%	484	0.70%	753	0.66%
Pickup Trucks	91	14.44%	100	15.22%	6,526	14.93%	11,779	17.06%	18,405	16.23%
Pickup Trucks with Trailers	6	0.95%	7	1.07%	185	0.42%	365	0.53%	557	0.49%
Pickup Trucks with Toppers	1	0.16%	1	0.15%	7	0.02%	22	0.03%	30	0.03%
Straight Trucks	13	2.06%	14	2.13%	395	0.90%	740	1.07%	1,149	1.01%
Truck Tractors	1	0.16%	4	0.61%	55	0.13%	129	0.19%	188	0.17%
Semitrailer Trucks	35	5.56%	61	9.28%	803	1.84%	1,710	2.48%	2,574	2.27%
Twin Semitrailer Trucks	0	0.00%	0	0.00%	27	0.06%	47	0.07%	74	0.07%
Tow Trucks	1	0.16%	1	0.15%	26	0.06%	49	0.07%	76	0.07%
Motor Homes	0	0.00%	0	0.00%	18	0.04%	66	0.10%	84	0.07%
Buses	0	0.00%	0	0.00%	65	0.15%	156	0.23%	221	0.19%
School Buses	5	0.79%	5	0.76%	59	0.13%	137	0.20%	201	0.18%
Farm Vehicles	5	0.79%	6	0.91%	94	0.22%	109	0.16%	209	0.18%
Motorcycles	25	3.97%	31	4.72%	685	1.57%	81	0.12%	797	0.70%
Pedalcycles	0	0.00%	3	0.46%	456	1.04%	6	0.01%	465	0.41%
Recreational Vehicles	3	0.48%	3	0.46%	44	0.10%	21	0.03%	68	0.06%
Maintenance Vehicles	3	0.48%	3	0.46%	126	0.29%	269	0.39%	398	0.35%
Mopeds	0	0.00%	0	0.00%	51	0.12%	1	0.00%	52	0.05%
Sport Utility Vehicles	43	6.83%	56	8.52%	5,110	11.69%	8,422	12.19%	13,588	11.98%
Other Vehicles	1	0.16%	1	0.15%	50	0.11%	81	0.12%	132	0.12%
Unknown Vehicles	0	0.00%	13	1.98%	683	1.56%	2,221	3.22%	2,917	2.57%
Total	546	86.67%	657	100.00%	43,713	100.00%	69,062	100.00%	113,432	100.00%

Vehicle Summary

Injury Severity of Vehicle Occupants by Vehicle Type

Injury Severity by Vehicle Type	Fatalities & Injuries											
	Fatal		Major		Minor		Possible		Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Passenger Cars	278	66.19%	2,157	62.07%	8,693	66.11%	12,946	70.55%	311	69.57%	24,385	68.04%
Passenger Cars w/Trailers	1	0.24%	2	0.06%	25	0.19%	19	0.10%	0	0.00%	47	0.13%
Vans or Panel Trucks	1	0.24%	18	0.52%	57	0.43%	72	0.39%	1	0.22%	149	0.42%
Pickup Trucks	53	12.62%	481	13.84%	1,668	12.69%	2,102	11.46%	62	13.87%	4,366	12.18%
Pickup Trucks w/Trailers	4	0.95%	9	0.26%	46	0.35%	63	0.34%	0	0.00%	122	0.34%
Pickup Trucks w/Toppers	0	0.00%	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1	0.00%
Straight Trucks	0	0.00%	22	0.63%	74	0.56%	85	0.46%	1	0.22%	182	0.51%
Truck Tractors	2	0.48%	3	0.09%	7	0.05%	11	0.06%	0	0.00%	23	0.06%
Semitrailer Trucks	7	1.67%	36	1.04%	124	0.94%	125	0.68%	5	1.12%	297	0.83%
Twin Semitrailer Trucks	0	0.00%	2	0.06%	7	0.05%	6	0.03%	0	0.00%	15	0.04%
Tow Trucks	0	0.00%	0	0.00%	1	0.01%	3	0.02%	0	0.00%	4	0.01%
Motor Homes	0	0.00%	0	0.00%	10	0.08%	4	0.02%	0	0.00%	14	0.04%
Buses	0	0.00%	1	0.03%	10	0.08%	37	0.20%	1	0.22%	49	0.14%
School Buses	0	0.00%	2	0.06%	75	0.57%	85	0.46%	0	0.00%	162	0.45%
Farm Vehicles	2	0.48%	12	0.35%	11	0.08%	8	0.04%	0	0.00%	33	0.09%
Motorcycles	32	7.62%	290	8.35%	390	2.97%	97	0.53%	2	0.45%	811	2.26%
Pedalcycles	3	0.71%	53	1.53%	306	2.33%	98	0.53%	3	0.67%	463	1.29%
Recreational Vehicles	3	0.71%	14	0.40%	22	0.17%	7	0.04%	1	0.22%	47	0.13%
Maintenance Vehicles	1	0.24%	8	0.23%	19	0.14%	16	0.09%	0	0.00%	44	0.12%
Mopeds	0	0.00%	12	0.35%	30	0.23%	6	0.03%	1	0.22%	49	0.14%
Sport Utility Vehicles	32	7.62%	332	9.55%	1,532	11.65%	2,457	13.39%	56	12.53%	4,409	12.30%
Other Vehicles	1	0.24%	9	0.26%	10	0.08%	15	0.08%	0	0.00%	35	0.10%
Unknown Vehicles	0	0.00%	12	0.35%	32	0.24%	87	0.47%	3	0.67%	134	0.37%
Total	420	100.00%	3,475	100.00%	13,149	100.00%	18,350	100.00%	447	100.00%	35,841	100.00%

Does not include pedestrians or non-vehicle/non-pedestrians (e.g., riders of a horse or horse and buggy, occupants of a train or building).

Vehicle Action

Vehicle Action	Vehicles							
	Fatal Crashes		Injury Crashes		Property Crashes		Total Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Going Straight	526	80.06%	27,509	62.93%	39,290	56.89%	67,325	59.35%
Turning Left	39	5.94%	4,596	10.51%	6,628	9.60%	11,263	9.93%
Turning Right	4	0.61%	1,054	2.41%	2,583	3.74%	3,641	3.21%
Making U-Turn	2	0.30%	109	0.25%	174	0.25%	285	0.25%
Passing	18	2.74%	328	0.75%	523	0.76%	869	0.77%
Changing Lanes	4	0.61%	376	0.86%	1,093	1.58%	1,473	1.30%
Merging	2	0.30%	193	0.44%	461	0.67%	656	0.58%
Parking	0	0.00%	43	0.10%	184	0.27%	227	0.20%
Slowing/Stopping	6	0.91%	2,275	5.20%	2,603	3.77%	4,884	4.31%
Backing	3	0.46%	352	0.81%	2,103	3.05%	2,458	2.17%
Stopped for Sign/Signal	4	0.61%	1,647	3.77%	1,745	2.53%	3,396	2.99%
Stopped in Traffic	5	0.76%	1,904	4.36%	1,604	2.32%	3,513	3.10%
Stalled in Traffic	1	0.15%	27	0.06%	48	0.07%	76	0.07%
Properly Parked	4	0.61%	540	1.24%	3,086	4.47%	3,630	3.20%
Improperly Parked	0	0.00%	40	0.09%	193	0.28%	233	0.21%
Unattended Moving Vehicle	0	0.00%	12	0.03%	64	0.09%	76	0.07%
Other	19	2.89%	635	1.45%	841	1.22%	1,495	1.32%
Unknown	20	3.04%	2,073	4.74%	5,839	8.45%	7,932	6.99%
Total	657	100.00%	43,713	100.00%	69,062	100.00%	113,432	100.00%

Vehicle Summary

Type of Collision in Crashes by Vehicle

Type of Collision	Vehicles							
	Fatal Crashes		Injury Crashes		Property Crashes		Total Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Head-On	118	17.96%	950	2.17%	678	0.98%	1,746	1.54%
Crossed Center Line	31	4.72%	3,188	7.29%	3,342	4.84%	6,561	5.78%
Rear-Ended Vehicle	39	5.94%	10,989	25.14%	9,854	14.27%	20,882	18.41%
Sideswiped Vehicle	16	2.44%	1,097	2.51%	2,639	3.82%	3,752	3.31%
Lane-Change into Other Vehicle	4	0.61%	843	1.93%	2,397	3.47%	3,244	2.86%
Forced Other Vehicle Off Roadway	0	0.00%	115	0.26%	433	0.63%	548	0.48%
Right-Angle Collision	163	24.81%	9,320	21.32%	11,213	16.24%	20,696	18.25%
Turned into Path of Other Vehicle	0	0.00%	317	0.73%	592	0.86%	909	0.80%
Single Vehicle	144	21.92%	5,088	11.64%	8,001	11.59%	13,233	11.67%
Pedestrian	31	4.72%	659	1.51%	5	0.01%	695	0.61%
Pedalcycle	6	0.91%	934	2.14%	12	0.02%	952	0.84%
Parked Vehicle	2	0.30%	805	1.84%	5,133	7.43%	5,940	5.24%
Other	6	0.91%	42	0.10%	66	0.10%	114	0.10%
Unknown	97	14.76%	9,366	21.43%	24,697	35.76%	34,160	30.11%
Total	657	100.00%	43,713	100.00%	69,062	100.00%	113,432	100.00%

Initial Point of Impact

Initial Point of Impact	Vehicles							
	Fatal Crashes		Injury Crashes		Property Crashes		Total Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Front	350	53.27%	17,827	40.78%	21,709	31.43%	39,886	35.16%
Right Front	43	6.54%	2,899	6.63%	4,842	7.01%	7,784	6.86%
Right Side	50	7.61%	1,750	4.00%	2,308	3.34%	4,108	3.62%
Right Rear	9	1.37%	962	2.20%	2,491	3.61%	3,462	3.05%
Rear	27	4.11%	6,426	14.70%	7,162	10.37%	13,615	12.00%
Left Rear	10	1.52%	1,175	2.69%	2,772	4.01%	3,957	3.49%
Left Side	57	8.68%	1,738	3.98%	2,479	3.59%	4,274	3.77%
Left Front	49	7.46%	3,083	7.05%	5,287	7.66%	8,419	7.42%
Top	5	0.76%	189	0.43%	196	0.28%	390	0.34%
Under Carriage	4	0.61%	140	0.32%	151	0.22%	295	0.26%
Other/Unknown	53	8.07%	7,524	17.21%	19,665	28.47%	27,242	24.02%
Total	657	100.00%	43,713	100.00%	69,062	100.00%	113,432	100.00%

Area of Vehicle Damage

Area of Vehicle Damage	Vehicles							
	Fatal Crashes		Injury Crashes		Property Crashes		Total Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Front	435	21.97%	21,551	25.00%	25,503	23.08%	47,489	23.90%
Right Front	323	16.31%	12,480	14.47%	13,871	12.55%	26,674	13.42%
Right Side	140	7.07%	4,489	5.21%	5,459	4.94%	10,088	5.08%
Right Rear	99	5.00%	4,760	5.52%	6,247	5.65%	11,106	5.59%
Rear	80	4.04%	7,515	8.72%	8,274	7.49%	15,869	7.99%
Left Rear	117	5.91%	5,081	5.89%	6,585	5.96%	11,783	5.93%
Left Side	187	9.44%	4,765	5.53%	5,853	5.30%	10,805	5.44%
Left Front	319	16.11%	12,227	14.18%	13,985	12.66%	26,531	13.35%
Top	177	8.94%	2,884	3.34%	1,867	1.69%	4,928	2.48%
Under Carriage	66	3.33%	2,241	2.60%	1,953	1.77%	4,260	2.14%
Other/Unknown	37	1.87%	8,226	9.54%	20,898	18.91%	29,161	14.68%
Total	1,980	100.00%	86,219	100.00%	110,495	100.00%	198,694	100.00%

Up to four area of vehicle damage may be indicated for each vehicle listed in a crash.

Vehicle Summary

Vehicle Fire or Explosion

Fire/Explosion	Vehicles							
	Fatal Crashes		Injury Crashes		Property Crashes		Total Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
No	597	90.87%	36,914	84.45%	49,896	72.25%	87,407	77.06%
Yes	42	6.39%	70	0.16%	84	0.12%	196	0.17%
Unknown	18	2.74%	6,729	15.39%	19,082	27.63%	25,829	22.77%
Total	657	100.00%	43,713	100.00%	69,062	100.00%	113,432	100.00%

Vehicle Defects

Vehicle Defects	Vehicles							
	Fatal Crashes		Injury Crashes		Property Crashes		Total Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
None	479	72.91%	31,881	72.93%	43,446	62.91%	75,806	66.83%
Brakes	5	0.76%	206	0.47%	198	0.29%	409	0.36%
Steering	0	0.00%	44	0.10%	47	0.07%	91	0.08%
Blowout	1	0.15%	65	0.15%	61	0.09%	127	0.11%
Smooth Tires	5	0.76%	45	0.10%	34	0.05%	84	0.07%
Other Tire Defect	1	0.15%	41	0.09%	42	0.06%	84	0.07%
Wipers	0	0.00%	18	0.04%	37	0.05%	55	0.05%
Trailer Hitch	1	0.15%	8	0.02%	14	0.02%	23	0.02%
Exhaust	0	0.00%	3	0.01%	2	0.00%	5	0.00%
Headlights	0	0.00%	74	0.17%	88	0.13%	162	0.14%
Tail Lights	0	0.00%	16	0.04%	25	0.04%	41	0.04%
Turn Signal	1	0.15%	8	0.02%	19	0.03%	28	0.02%
Suspension	0	0.00%	12	0.03%	9	0.01%	21	0.02%
Other	1	0.15%	103	0.24%	113	0.16%	217	0.19%
Glass	0	0.00%	12	0.03%	8	0.01%	20	0.02%
Unknown	163	24.81%	11,177	25.57%	24,919	36.08%	36,259	31.97%
Total	657	100.00%	43,713	100.00%	69,062	100.00%	113,432	100.00%

Type of Vehicle Attachments

Vehicle Attachment	Vehicles							
	Fatal Crashes		Injury Crashes		Property Crashes		Total Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
None	560	85.24%	35,843	82.00%	47,795	69.21%	84,198	74.23%
Single Trailer	40	6.09%	535	1.22%	1,056	1.53%	1,631	1.44%
Double Trailer	2	0.30%	24	0.05%	58	0.08%	84	0.07%
Semitrailer	23	3.50%	328	0.75%	577	0.84%	928	0.82%
Farm Equipment	4	0.61%	65	0.15%	86	0.12%	155	0.14%
Utility	1	0.15%	42	0.10%	51	0.07%	94	0.08%
Camping	2	0.30%	17	0.04%	34	0.05%	53	0.05%
Boat Trailer	0	0.00%	13	0.03%	38	0.06%	51	0.04%
Mobile Home	0	0.00%	5	0.01%	10	0.01%	15	0.01%
Oversized Mobile Home	2	0.30%	137	0.31%	154	0.22%	293	0.26%
Oversized Load	1	0.15%	3	0.01%	13	0.02%	17	0.01%
Towed Vehicle	2	0.30%	30	0.07%	52	0.08%	84	0.07%
Other	3	0.46%	44	0.10%	101	0.15%	148	0.13%
Unknown	17	2.59%	6,627	15.16%	19,037	27.57%	25,681	22.64%
Total	657	100.00%	43,713	100.00%	69,062	100.00%	113,432	100.00%

Vehicle Summary

Driver/Vehicle Related Contributing Circumstances

Driver/Vehicle Related Contributing Circumstances	Contributing Circumstances							
	Fatal Crashes		Injury Crashes		Property Crashes		Total Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
None Apparent	242	32.44%	19,745	40.29%	31,820	42.16%	51,807	41.37%
Ran Traffic Signal	6	0.80%	1,200	2.45%	1,147	1.52%	2,353	1.88%
Ran Stop Sign	26	3.49%	753	1.54%	674	0.89%	1,453	1.16%
Passed Stopped School Bus	0	0.00%	16	0.03%	29	0.04%	45	0.04%
Improper Passing	12	1.61%	291	0.59%	506	0.67%	809	0.65%
Left of Center, Not Passing	36	4.83%	433	0.88%	462	0.61%	931	0.74%
FTYROW at Intersection	8	1.07%	400	0.82%	521	0.69%	929	0.74%
FTYROW from Stop Sign	39	5.23%	1,887	3.85%	2,318	3.07%	4,244	3.39%
FTYROW from Yield Sign	2	0.27%	258	0.53%	370	0.49%	630	0.50%
FTYROW Making Left Turn	13	1.74%	1,760	3.59%	1,956	2.59%	3,729	2.98%
FTYROW from Driveway	3	0.40%	421	0.86%	796	1.05%	1,220	0.97%
FTYROW from Parked	1	0.13%	51	0.10%	284	0.38%	336	0.27%
FTYROW to Pedestrian	0	0.00%	111	0.23%	6	0.01%	117	0.09%
FTYROW Other	4	0.54%	275	0.56%	446	0.59%	725	0.58%
Wrong Way/One-Way	3	0.40%	44	0.09%	56	0.07%	103	0.08%
Too Fast for Conditions	27	3.62%	1,526	3.11%	1,990	2.64%	3,543	2.83%
Exceeding Speed Limit	19	2.55%	326	0.67%	218	0.29%	563	0.45%
Drag Racing	2	0.27%	17	0.03%	22	0.03%	41	0.03%
Improper Turn	3	0.40%	301	0.61%	852	1.13%	1,156	0.92%
Improper Lane Change	4	0.54%	341	0.70%	1,001	1.33%	1,346	1.07%
Following Too Close	2	0.27%	1,504	3.07%	1,548	2.05%	3,054	2.44%
No/Improper Signal	1	0.13%	109	0.22%	191	0.25%	301	0.24%
Disregarded Railroad Signal	2	0.27%	35	0.07%	58	0.08%	95	0.08%
Disregarded Warning Signal	0	0.00%	30	0.06%	45	0.06%	75	0.06%
Reckless Driving	5	0.67%	233	0.48%	263	0.35%	501	0.40%
Improper Backing	0	0.00%	143	0.29%	1,087	1.44%	1,230	0.98%
Illegal/Improper Parking	1	0.13%	84	0.17%	175	0.23%	260	0.21%
Failure to Control Vehicle	139	18.63%	5,810	11.85%	5,871	7.78%	11,820	9.44%
Headlights Not On	0	0.00%	54	0.11%	46	0.06%	100	0.08%
Inattentive/Distracted	18	2.41%	2,648	5.40%	3,026	4.01%	5,692	4.55%
Confused	7	0.94%	220	0.45%	356	0.47%	583	0.47%
Vision Obscured	17	2.28%	792	1.62%	1,326	1.76%	2,135	1.70%
Oversized/Loaded Vehicle	2	0.27%	35	0.07%	110	0.15%	147	0.12%
Inexperienced Driver	5	0.67%	756	1.54%	889	1.18%	1,650	1.32%
Other	32	4.29%	2,058	4.20%	3,265	4.33%	5,355	4.28%
Unknown	65	8.71%	4,342	8.86%	11,738	15.55%	16,145	12.89%
Total	746	100.00%	49,009	100.00%	75,468	100.00%	125,223	100.00%

Up to two driver/vehicle related contributing circumstances may be listed for each driver/vehicle.

Vehicles Involved in Hit & Run Crashes

Hit & Run	Vehicles							
	Fatal Crashes		Injury Crashes		Property Crashes		Total Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
None	628	95.59%	35,404	80.99%	46,533	67.38%	82,565	72.79%
With Motor Vehicle	3	0.46%	456	1.04%	1,443	2.09%	1,902	1.68%
With Non-Occupant	0	0.00%	66	0.15%	293	0.42%	359	0.32%
Driver Left Scene	5	0.76%	584	1.34%	1,444	2.09%	2,033	1.79%
Unknown	21	3.20%	7,203	16.48%	19,349	28.02%	26,573	23.43%
Total	657	100.00%	43,713	100.00%	69,062	100.00%	113,432	100.00%

Passenger Cars



Out of 63,364 total crashes, one or more passenger cars were involved in:
 49,988 crashes (all types)
 273 fatal crashes
 18,929 injury crashes
 30,786 property damage crashes

279 occupants were killed, or 62.70% of all fatalities
 24,153 occupants were injured, or 67.98% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Passenger Cars		All Others	
	Number	Percent	Number	Percent
Fatal	279	88.85%	35	11.15%
Major	2,159	82.88%	446	17.12%
Minor	8,718	82.97%	1,790	17.03%
Possible	12,965	81.97%	2,851	18.03%
Unknown	311	83.60%	61	16.40%
Total	24,432	82.50%	5,183	17.50%

This chart compares injury severity of passenger car occupants with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved passenger cars.

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	112	40.14%	15,000	62.10%
Male	167	59.86%	9,153	37.90%
Unknown	0	0.00%	0	0.00%
Total	279	100.00%	24,153	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	11	3.94%	1,915	7.93%
15	6	2.15%	555	2.30%
16	11	3.94%	1,385	5.73%
17	13	4.66%	1,332	5.51%
18	16	5.73%	1,238	5.13%
19	19	6.81%	1,013	4.19%
20	9	3.23%	935	3.87%
Total Under 21*	85	30.47%	8,373	34.67%
All Ages				
14 & Under	11	3.94%	1,915	7.93%
15 to 24	98	35.13%	8,961	37.10%
25 to 34	41	14.70%	3,569	14.78%
35 to 44	17	6.09%	3,121	12.92%
45 to 54	26	9.32%	2,376	9.84%
55 to 64	24	8.60%	1,446	5.99%
65 to 74	19	6.81%	1,051	4.35%
75 & Over	43	15.41%	1,074	4.45%
Unknown	0	0.00%	640	2.65%
Total	279	100.00%	24,153	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	103	36.92%	3,712	15.37%
Lap Belt	2	0.72%	1,253	5.19%
Lap & Shoulder Belt	103	36.92%	11,939	49.43%
Airbag Deployed	15	5.38%	729	3.02%
Child Restraint	2	0.72%	266	1.10%
Motorcycle Helmet	0	0.00%	101	0.42%
Passive Belt	3	1.08%	50	0.21%
Other	0	0.00%	104	0.43%
Unknown	51	18.28%	5,999	24.84%
Total	279	100.00%	24,153	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	193	69.18%	16,600	68.73%
Front Seat Passenger	65	23.30%	5,377	22.26%
Back Seat Passenger	15	5.38%	1,523	6.31%
Third+ Seat Passenger	4	1.43%	554	2.29%
Bus Passenger	0	0.00%	1	0.00%
Riding on Exterior	0	0.00%	8	0.03%
MC/Moped Driver	0	0.00%	6	0.02%
MC/Moped Passenger	0	0.00%	1	0.00%
Pedalcyclist	0	0.00%	1	0.00%
Unknown	2	0.72%	82	0.34%
Total	279	100.00%	24,153	100.00%

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	14	5.02%	8,264	34.22%
Lower Torso	1	0.36%	462	1.91%
Internal	13	4.66%	231	0.96%
Head	32	11.47%	3,056	12.65%
Arms	0	0.00%	1,045	4.33%
Legs	0	0.00%	895	3.71%
Multiple	200	71.68%	8,286	34.31%
Other/Unknown	19	6.81%	1,914	7.92%
Total	279	100.00%	24,153	100.00%

Passenger Cars

Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	138	40.12%	34,812	51.63%
Male	204	59.30%	31,739	47.07%
Unknown	2	0.58%	872	1.29%
Total	344	100.00%	67,423	100.00%

Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	133	0.20%
15	3	0.87%	531	0.79%
16	15	4.36%	4,082	6.05%
17	14	4.07%	3,924	5.82%
18	16	4.65%	3,751	5.56%
19	17	4.94%	3,098	4.59%
20	11	3.20%	2,725	4.04%
Total Under 21*	76	22.09%	18,244	27.06%
All Ages				
14 & Under	0	0.00%	133	0.20%
15 to 24	119	34.59%	25,807	38.28%
25 to 34	54	15.70%	11,085	16.44%
35 to 44	37	10.76%	9,607	14.25%
45 to 54	34	9.88%	7,658	11.36%
55 to 64	28	8.14%	4,652	6.90%
65 to 74	28	8.14%	3,603	5.34%
75 & Over	42	12.21%	3,675	5.45%
Unknown	2	0.58%	1,203	1.78%
Total	344	100.00%	67,423	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	282	81.50%	42,535	60.64%
Turning Left	24	6.94%	7,624	10.87%
Turning Right	2	0.58%	2,116	3.02%
Making U-Turn	1	0.29%	180	0.26%
Passing	10	2.89%	498	0.71%
Changing Lanes	3	0.87%	880	1.25%
Merging	1	0.29%	419	0.60%
Parking	0	0.00%	135	0.19%
Slowing/Stopping	2	0.58%	3,108	4.43%
Backing	1	0.29%	1,189	1.69%
Stopped for Sign/Signal	4	1.16%	2,154	3.07%
Stopped in Traffic	1	0.29%	2,322	3.31%
Stalled in Traffic	1	0.29%	53	0.08%
Properly Parked	1	0.29%	2,307	3.29%
Improperly Parked	0	0.00%	136	0.19%
Unattended Moving Vehicle	0	0.00%	30	0.04%
Other	9	2.60%	850	1.21%
Unknown	4	1.16%	3,612	5.15%
Total	346	100.00%	70,148	100.00%

Drivers by Condition

Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	176	51.16%	57,861	85.82%
Physical Defect	0	0.00%	126	0.19%
Fatigue	2	0.58%	279	0.41%
Apparently Asleep	1	0.29%	294	0.44%
Illness	0	0.00%	91	0.13%
Under Medication	1	0.29%	70	0.10%
Infirmities of Age	6	1.74%	373	0.55%
Drinking-Not Impaired	10	2.91%	503	0.75%
Drinking-Impaired	56	16.28%	1,230	1.82%
Drugs	0	0.00%	154	0.23%
Other	5	1.45%	307	0.46%
Unknown	87	25.29%	6,135	9.10%
Total	344	100.00%	67,423	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	101	25.38%	32,452	41.71%
Ran Traffic Signal	4	1.01%	1,633	2.10%
Ran Stop Sign	17	4.27%	973	1.25%
Passed Stopped School Bus	0	0.00%	28	0.04%
Improper Passing	8	2.01%	484	0.62%
Left of Center, Not Passing	29	7.29%	569	0.73%
FTYROW at Intersection	5	1.26%	625	0.80%
FTYROW from Stop Sign	31	7.79%	2,952	3.79%
FTYROW from Yield Sign	2	0.50%	436	0.56%
FTYROW Making Left Turn	9	2.26%	2,719	3.49%
FTYROW from Driveway	1	0.25%	822	1.06%
FTYROW from Parked	1	0.25%	223	0.29%
FTYROW to Pedestrian	0	0.00%	83	0.11%
FTYROW Other	2	0.50%	472	0.61%
Wrong Way/One-Way	3	0.75%	68	0.09%
Too Fast for Conditions	11	2.76%	2,040	2.62%
Exceeding Speed Limit	13	3.27%	377	0.48%
Drag Racing	1	0.25%	24	0.03%
Improper Turn	0	0.00%	711	0.91%
Improper Lane Change	2	0.50%	838	1.08%
Following Too Close	0	0.00%	1,980	2.54%
No/Improper Signal	0	0.00%	160	0.21%
Disregarded Railroad Signal	0	0.00%	63	0.08%
Disregarded Warning Signal	0	0.00%	29	0.04%
Reckless Driving	2	0.50%	339	0.44%
Improper Backing	0	0.00%	543	0.70%
Illegal/Improper Parking	1	0.25%	149	0.19%
Failure to Control Vehicle	86	21.61%	7,388	9.50%
Headlights Not On	0	0.00%	54	0.07%
Inattentive/Distracted	6	1.51%	3,749	4.82%
Confused	7	1.76%	409	0.53%
Vision Obscured	10	2.51%	1,326	1.70%
Oversized/Loaded Vehicle	1	0.25%	28	0.04%
Inexperienced Driver	2	0.50%	1,217	1.56%
Other	15	3.77%	3,152	4.05%
Unknown	28	7.04%	8,694	11.17%
Total	398	100.00%	77,809	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash. FTYROW—Failure to Yield Right-of-Way.

Vans & Sport Utility Vehicles



Out of 63,364 total crashes, one or more vans or sport utility vehicles were involved in:

- 13,395 crashes (all types)
- 57 fatal crashes
- 4,983 injury crashes
- 8,355 property damage crashes

33 occupants were killed, or 07.42% of all fatalities
4,525 occupants were injured, or 12.74% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Vans & Sport Utility Vehicles		All Others	
	Number	Percent	Number	Percent
Fatal	33	50.77%	32	49.23%
Major	350	56.36%	271	43.64%
Minor	1,589	57.26%	1,186	42.74%
Possible	2,529	56.03%	1,985	43.97%
Unknown	57	54.29%	48	45.71%
Total	4,558	56.41%	3,522	43.59%

This chart compares injury severity of van and sport utility vehicle occupants with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved vans or sport utility vehicles.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	10	30.30%	656	14.50%
Lap Belt	0	0.00%	248	5.48%
Lap & Shoulder Belt	13	39.39%	2,243	49.57%
Airbag Deployed	1	3.03%	133	2.94%
Child Restraint	2	6.06%	75	1.66%
Motorcycle Helmet	0	0.00%	30	0.66%
Passive Belt	2	6.06%	7	0.15%
Other	0	0.00%	19	0.42%
Unknown	5	15.15%	1,114	24.62%
Total	33	100.00%	4,525	100.00%

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	15	45.45%	2,608	57.64%
Male	18	54.55%	1,917	42.36%
Unknown	0	0.00%	0	0.00%
Total	33	100.00%	4,525	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	20	60.61%	2,801	61.90%
Front Seat Passenger	7	21.21%	1,063	23.49%
Back Seat Passenger	1	3.03%	501	11.07%
Third+ Seat Passenger	3	9.09%	134	2.96%
Bus Passenger	0	0.00%	6	0.13%
Riding on Exterior	0	0.00%	0	0.00%
MC/Moped Driver	0	0.00%	0	0.00%
MC/Moped Passenger	0	0.00%	0	0.00%
Pedalcyclist	0	0.00%	0	0.00%
Unknown	2	6.06%	20	0.44%
Total	33	100.00%	4,525	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	5	15.15%	611	13.50%
15	0	0.00%	81	1.79%
16	0	0.00%	152	3.36%
17	0	0.00%	111	2.45%
18	2	6.06%	100	2.21%
19	1	3.03%	83	1.83%
20	0	0.00%	103	2.28%
Total Under 21*	8	24.24%	1,241	27.43%
All Ages				
14 & Under	5	15.15%	611	13.50%
15 to 24	5	15.15%	913	20.18%
25 to 34	6	18.18%	879	19.43%
35 to 44	2	6.06%	938	20.73%
45 to 54	9	27.27%	583	12.88%
55 to 64	2	6.06%	255	5.64%
65 to 74	2	6.06%	125	2.76%
75 & Over	2	6.06%	91	2.01%
Unknown	0	0.00%	130	2.87%
Total	33	100.00%	4,525	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	3	9.09%	1,601	35.38%
Lower Torso	1	3.03%	84	1.86%
Internal	1	3.03%	39	0.86%
Head	6	18.18%	530	11.71%
Arms	0	0.00%	214	4.73%
Legs	0	0.00%	168	3.71%
Multiple	19	57.58%	1,535	33.92%
Other/Unknown	3	9.09%	354	7.82%
Total	33	100.00%	4,525	100.00%

Vans & Sport Utility Vehicles

Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	22	37.93%	6,058	43.93%
Male	36	62.07%	7,604	55.15%
Unknown	0	0.00%	127	0.92%
Total	58	100.00%	13,789	100.00%

Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	30	0.22%
15	1	1.72%	59	0.43%
16	2	3.45%	419	3.04%
17	0	0.00%	329	2.39%
18	4	6.90%	314	2.28%
19	1	1.72%	283	2.05%
20	1	1.72%	283	2.05%
Total Under 21*	9	15.52%	1,717	12.45%
All Ages				
14 & Under	0	0.00%	30	0.22%
15 to 24	15	25.86%	2,617	18.98%
25 to 34	12	20.69%	3,086	22.38%
35 to 44	10	17.24%	3,553	25.77%
45 to 54	13	22.41%	2,409	17.47%
55 to 64	3	5.17%	1,089	7.90%
65 to 74	4	6.90%	520	3.77%
75 & Over	1	1.72%	272	1.97%
Unknown	0	0.00%	213	1.54%
Total	58	100.00%	13,789	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	47	81.03%	8,601	60.22%
Turning Left	2	3.45%	1,282	8.98%
Turning Right	0	0.00%	419	2.93%
Making U-Turn	0	0.00%	34	0.24%
Passing	2	3.45%	103	0.72%
Changing Lanes	0	0.00%	198	1.39%
Merging	0	0.00%	83	0.58%
Parking	0	0.00%	35	0.25%
Slowing/Stopping	1	1.72%	706	4.94%
Backing	1	1.72%	316	2.21%
Stopped for Sign/Signal	0	0.00%	557	3.90%
Stopped in Traffic	1	1.72%	515	3.61%
Stalled in Traffic	0	0.00%	7	0.05%
Properly Parked	1	1.72%	415	2.91%
Improperly Parked	0	0.00%	27	0.19%
Unattended Moving Vehicle	0	0.00%	8	0.06%
Other	1	1.72%	179	1.25%
Unknown	2	3.45%	798	5.59%
Total	58	100.00%	14,283	100.00%

Drivers by Condition

Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	40	68.97%	12,050	87.39%
Physical Defect	0	0.00%	17	0.12%
Fatigue	0	0.00%	61	0.44%
Apparently Asleep	0	0.00%	47	0.34%
Illness	0	0.00%	15	0.11%
Under Medication	0	0.00%	13	0.09%
Infirmities of Age	0	0.00%	25	0.18%
Drinking-Not Impaired	3	5.17%	80	0.58%
Drinking-Impaired	3	5.17%	206	1.49%
Drugs	0	0.00%	36	0.26%
Other	0	0.00%	39	0.28%
Unknown	12	20.69%	1,200	8.70%
Total	58	100.00%	13,789	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	23	35.38%	7,307	46.70%
Ran Traffic Signal	1	1.54%	300	1.92%
Ran Stop Sign	3	4.62%	151	0.96%
Passed Stopped School Bus	0	0.00%	6	0.04%
Improper Passing	2	3.08%	85	0.54%
Left of Center, Not Passing	0	0.00%	89	0.57%
FTYROW at Intersection	0	0.00%	98	0.63%
FTYROW from Stop Sign	1	1.54%	446	2.85%
FTYROW from Yield Sign	0	0.00%	57	0.36%
FTYROW Making Left Turn	1	1.54%	401	2.56%
FTYROW from Driveway	0	0.00%	143	0.91%
FTYROW from Parked	0	0.00%	40	0.26%
FTYROW to Pedestrian	0	0.00%	8	0.05%
FTYROW Other	0	0.00%	87	0.56%
Wrong Way/One-Way	0	0.00%	10	0.06%
Too Fast for Conditions	5	7.69%	492	3.14%
Exceeding Speed Limit	1	1.54%	32	0.20%
Drag Racing	0	0.00%	7	0.04%
Improper Turn	1	1.54%	126	0.81%
Improper Lane Change	0	0.00%	167	1.07%
Following Too Close	1	1.54%	405	2.59%
No/Improper Signal	0	0.00%	33	0.21%
Disregarded Railroad Signal	2	3.08%	7	0.04%
Disregarded Warning Signal	0	0.00%	9	0.06%
Reckless Driving	1	1.54%	42	0.27%
Improper Backing	0	0.00%	157	1.00%
Illegal/Improper Parking	0	0.00%	34	0.22%
Failure to Control Vehicle	8	12.31%	1,371	8.76%
Headlights Not On	0	0.00%	13	0.08%
Inattentive/Distracted	2	3.08%	676	4.32%
Confused	0	0.00%	68	0.43%
Vision Obscured	2	3.08%	237	1.51%
Oversized/Loaded Vehicle	0	0.00%	7	0.04%
Inexperienced Driver	0	0.00%	147	0.94%
Other	4	6.15%	634	4.05%
Unknown	7	10.77%	1,756	11.22%
Total	65	100.00%	15,648	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash. FTYROW—Failure to Yield Right-of-Way.

Pickup Trucks



Out of 63,364 total crashes, one or more pickup trucks were involved in:
 17,480 crashes (all types)
 98 fatal crashes
 6,147 injury crashes
 11,235 property damage crashes

57 occupants were killed, or 12.81% of all fatalities
 4,432 occupants were injured, or 12.47% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Pickup Trucks		All Others	
	Number	Percent	Number	Percent
Fatal	57	50.44%	56	49.56%
Major	490	51.85%	455	48.15%
Minor	1,714	51.12%	1,639	48.88%
Possible	2,166	43.39%	2,826	56.61%
Unknown	62	1.24%	61	0.00%
Total	4,489	47.12%	5,037	52.88%

This chart compares injury severity of pickup truck occupants with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved pickup trucks.

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	9	15.79%	1,284	28.97%
Male	48	84.21%	3,148	71.03%
Unknown	0	0.00%	0	0.00%
Total	57	100.00%	4,432	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	1	1.75%	248	5.60%
15	1	1.75%	76	1.71%
16	0	0.00%	137	3.09%
17	2	3.51%	143	3.23%
18	2	3.51%	186	4.20%
19	0	0.00%	147	3.32%
20	1	1.75%	130	2.93%
Total Under 21*	7	12.28%	1,067	24.07%
All Ages				
14 & Under	1	1.75%	248	5.60%
15 to 24	13	22.81%	1,228	27.71%
25 to 34	12	21.05%	794	17.92%
35 to 44	8	14.04%	847	19.11%
45 to 54	7	12.28%	611	13.79%
55 to 64	3	5.26%	313	7.06%
65 to 74	6	10.53%	201	4.54%
75 & Over	7	12.28%	93	2.10%
Unknown	0	0.00%	97	2.19%
Total	57	100.00%	4,432	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	34	59.65%	869	19.61%
Lap Belt	0	0.00%	252	5.69%
Lap & Shoulder Belt	16	28.07%	2,057	46.41%
Airbag Deployed	1	1.75%	91	2.05%
Child Restraint	0	0.00%	36	0.81%
Motorcycle Helmet	0	0.00%	14	0.32%
Passive Belt	0	0.00%	2	0.05%
Other	0	0.00%	24	0.54%
Unknown	6	10.53%	1,087	24.53%
Total	57	100.00%	4,432	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	46	80.70%	3,229	72.86%
Front Seat Passenger	8	14.04%	1,008	22.74%
Back Seat Passenger	1	1.75%	158	3.56%
Third+ Seat Passenger	0	0.00%	1	0.02%
Bus Passenger	0	0.00%	0	0.00%
Riding on Exterior	2	3.51%	28	0.63%
MC/Moped Driver	0	0.00%	0	0.00%
MC/Moped Passenger	0	0.00%	0	0.00%
Pedalcyclist	0	0.00%	0	0.00%
Unknown	0	0.00%	8	0.18%
Total	57	100.00%	4,432	100.00%

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	5	8.77%	1,458	32.90%
Lower Torso	0	0.00%	64	1.44%
Internal	0	0.00%	35	0.79%
Head	6	10.53%	605	13.65%
Arms	0	0.00%	209	4.72%
Legs	0	0.00%	177	3.99%
Multiple	41	71.93%	1,582	35.69%
Other/Unknown	5	8.77%	302	6.81%
Total	57	100.00%	4,432	100.00%

Pickup Trucks

Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	8	7.48%	2,389	13.28%
Male	98	91.59%	15,379	85.49%
Unknown	1	0.93%	222	1.23%
Total	107	100.00%	17,990	100.00%

Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	24	0.13%
15	0	0.00%	77	0.43%
16	2	1.87%	525	2.92%
17	3	2.80%	567	3.15%
18	4	3.74%	595	3.31%
19	1	0.93%	593	3.30%
20	1	0.93%	524	2.91%
Total Under 21*	11	10.28%	2,905	16.15%
All Ages				
14 & Under	0	0.00%	24	0.13%
15 to 24	23	21.50%	4,622	25.69%
25 to 34	21	19.63%	3,388	18.83%
35 to 44	16	14.95%	3,865	21.48%
45 to 54	18	16.82%	2,785	15.48%
55 to 64	9	8.41%	1,578	8.77%
65 to 74	11	10.28%	941	5.23%
75 & Over	8	7.48%	450	2.50%
Unknown	1	0.93%	337	1.87%
Total	107	100.00%	17,990	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	90	83.33%	11,465	60.71%
Turning Left	5	4.63%	1,661	8.80%
Turning Right	1	0.93%	606	3.21%
Making U-Turn	0	0.00%	50	0.26%
Passing	2	1.85%	154	0.82%
Changing Lanes	0	0.00%	214	1.13%
Merging	0	0.00%	104	0.55%
Parking	0	0.00%	33	0.17%
Slowing/Stopping	0	0.00%	820	4.34%
Backing	1	0.93%	635	3.36%
Stopped for Sign/Signal	0	0.00%	548	2.90%
Stopped in Traffic	2	1.85%	540	2.86%
Stalled in Traffic	0	0.00%	11	0.06%
Properly Parked	1	0.93%	705	3.73%
Improperly Parked	0	0.00%	41	0.22%
Unattended Moving Vehicle	0	0.00%	23	0.12%
Other	6	5.56%	259	1.37%
Unknown	0	0.00%	1,015	5.37%
Total	108	100.00%	18,884	100.00%

Drivers by Condition

Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	56	52.34%	15,297	85.03%
Physical Defect	0	0.00%	32	0.18%
Fatigue	0	0.00%	69	0.38%
Apparently Asleep	0	0.00%	76	0.42%
Illness	0	0.00%	14	0.08%
Under Medication	0	0.00%	15	0.08%
Infirmities of Age	2	1.87%	47	0.26%
Drinking-Not Impaired	3	2.80%	193	1.07%
Drinking-Impaired	15	14.02%	456	2.53%
Drugs	1	0.93%	33	0.18%
Other	1	0.93%	71	0.39%
Unknown	29	27.10%	1,687	9.38%
Total	107	100.00%	17,990	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	47	38.52%	8,730	41.82%
Ran Traffic Signal	0	0.00%	334	1.60%
Ran Stop Sign	3	2.46%	225	1.08%
Passed Stopped School Bus	0	0.00%	9	0.04%
Improper Passing	0	0.00%	143	0.69%
Left of Center, Not Passing	5	4.10%	181	0.87%
FTYROW at Intersection	2	1.64%	158	0.76%
FTYROW from Stop Sign	6	4.92%	649	3.11%
FTYROW from Yield Sign	0	0.00%	112	0.54%
FTYROW Making Left Turn	1	0.82%	493	2.36%
FTYROW from Driveway	0	0.00%	199	0.95%
FTYROW from Parked	0	0.00%	56	0.27%
FTYROW to Pedestrian	0	0.00%	18	0.09%
FTYROW Other	1	0.82%	105	0.50%
Wrong Way/One-Way	0	0.00%	14	0.07%
Too Fast for Conditions	8	6.56%	771	3.69%
Exceeding Speed Limit	1	0.82%	89	0.43%
Drag Racing	0	0.00%	6	0.03%
Improper Turn	1	0.82%	174	0.83%
Improper Lane Change	1	0.82%	176	0.84%
Following Too Close	0	0.00%	529	2.53%
No/Improper Signal	0	0.00%	66	0.32%
Disregarded Railroad Signal	0	0.00%	14	0.07%
Disregarded Warning Signal	0	0.00%	19	0.09%
Reckless Driving	0	0.00%	74	0.35%
Improper Backing	0	0.00%	351	1.68%
Illegal/Improper Parking	0	0.00%	48	0.23%
Failure to Control Vehicle	22	18.03%	2,096	10.04%
Headlights Not On	0	0.00%	15	0.07%
Inattentive/Distracted	4	3.28%	979	4.69%
Confused	0	0.00%	69	0.33%
Vision Obscured	3	2.46%	370	1.77%
Oversized/Loaded Vehicle	1	0.82%	20	0.10%
Inexperienced Driver	0	0.00%	194	0.93%
Other	6	4.92%	974	4.67%
Unknown	10	8.20%	2,415	11.57%
Total	122	100.00%	20,875	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash. FTYROW—Failure to Yield Right-of-Way.

Straight Trucks



Out of 63,364 total crashes, one or more straight trucks were involved in:

- 1,127 crashes (all types)
- 14 fatal crashes
- 388 injury crashes
- 725 property damage crashes

0 occupants were killed, or 00.00% of all fatalities
182 occupants were injured, or 00.51% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Straight Trucks		All Others	
	Number	Percent	Number	Percent
Fatal	0	0.00%	18	100.00%
Major	22	24.72%	67	75.28%
Minor	74	38.14%	120	61.86%
Possible	85	32.08%	180	67.92%
Unknown	1	16.67%	5	83.33%
Total	182	31.82%	390	68.18%

This chart compares injury severity of straight truck occupants with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved straight trucks.

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	0	0.00%	17	9.34%
Male	0	0.00%	165	90.66%
Unknown	0	0.00%	0	0.00%
Total	0	0.00%	182	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	2	1.10%
15	0	0.00%	0	0.00%
16	0	0.00%	1	0.55%
17	0	0.00%	1	0.55%
18	0	0.00%	0	0.00%
19	0	0.00%	6	3.30%
20	0	0.00%	2	1.10%
Total Under 21*	0	0.00%	12	6.59%
All Ages				
14 & Under	0	0.00%	2	1.10%
15 to 24	0	0.00%	18	9.89%
25 to 34	0	0.00%	38	20.88%
35 to 44	0	0.00%	40	21.98%
45 to 54	0	0.00%	43	23.63%
55 to 64	0	0.00%	21	11.54%
65 to 74	0	0.00%	10	5.49%
75 & Over	0	0.00%	3	1.65%
Unknown	0	0.00%	7	3.85%
Total	0	0.00%	182	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	0	0.00%	28	15.38%
Lap Belt	0	0.00%	19	10.44%
Lap & Shoulder Belt	0	0.00%	76	41.76%
Airbag Deployed	0	0.00%	3	1.65%
Child Restraint	0	0.00%	0	0.00%
Motorcycle Helmet	0	0.00%	0	0.00%
Passive Belt	0	0.00%	1	0.55%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	55	30.22%
Total	0	0.00%	182	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	0	0.00%	158	86.81%
Front Seat Passenger	0	0.00%	22	12.09%
Back Seat Passenger	0	0.00%	2	1.10%
Third+ Seat Passenger	0	0.00%	0	0.00%
Bus Passenger	0	0.00%	0	0.00%
Riding on Exterior	0	0.00%	0	0.00%
MC/Moped Driver	0	0.00%	0	0.00%
MC/Moped Passenger	0	0.00%	0	0.00%
Pedalcyclist	0	0.00%	0	0.00%
Unknown	0	0.00%	0	0.00%
Total	0	0.00%	182	100.00%

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	0	0.00%	50	27.47%
Lower Torso	0	0.00%	4	2.20%
Internal	0	0.00%	2	1.10%
Head	0	0.00%	23	12.64%
Arms	0	0.00%	12	6.59%
Legs	0	0.00%	6	3.30%
Multiple	0	0.00%	74	40.66%
Other/Unknown	0	0.00%	11	6.04%
Total	0	0.00%	182	100.00%

Straight Trucks

Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	0	0.00%	40	3.66%
Male	14	100.00%	1,041	95.33%
Unknown	0	0.00%	11	1.01%
Total	14	100.00%	1,092	100.00%

Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	0	0.00%
15	0	0.00%	0	0.00%
16	0	0.00%	0	0.00%
17	0	0.00%	3	0.27%
18	0	0.00%	7	0.64%
19	0	0.00%	16	1.47%
20	0	0.00%	15	1.37%
Total Under 21*	0	0.00%	41	3.75%
All Ages				
14 & Under	0	0.00%	0	0.00%
15 to 24	0	0.00%	139	12.73%
25 to 34	2	14.29%	246	22.53%
35 to 44	2	14.29%	286	26.19%
45 to 54	5	35.71%	225	20.60%
55 to 64	4	28.57%	122	11.17%
65 to 74	1	7.14%	45	4.12%
75 & Over	0	0.00%	11	1.01%
Unknown	0	0.00%	18	1.65%
Total	14	100.00%	1,092	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	10	71.43%	593	52.25%
Turning Left	2	14.29%	114	10.04%
Turning Right	0	0.00%	77	6.78%
Making U-Turn	0	0.00%	1	0.09%
Passing	1	7.14%	11	0.97%
Changing Lanes	0	0.00%	19	1.67%
Merging	0	0.00%	5	0.44%
Parking	0	0.00%	4	0.35%
Slowing/Stopping	1	7.14%	48	4.23%
Backing	0	0.00%	78	6.87%
Stopped for Sign/Signal	0	0.00%	31	2.73%
Stopped in Traffic	0	0.00%	33	2.91%
Stalled in Traffic	0	0.00%	1	0.09%
Properly Parked	0	0.00%	27	2.38%
Improperly Parked	0	0.00%	2	0.18%
Unattended Moving Vehicle	0	0.00%	5	0.44%
Other	0	0.00%	29	2.56%
Unknown	0	0.00%	57	5.02%
Total	14	100.00%	1,135	100.00%

Drivers by Condition

Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	14	100.00%	997	91.30%
Physical Defect	0	0.00%	2	0.18%
Fatigue	0	0.00%	6	0.55%
Apparently Asleep	0	0.00%	2	0.18%
Illness	0	0.00%	3	0.27%
Under Medication	0	0.00%	1	0.09%
Infirmities of Age	0	0.00%	0	0.00%
Drinking-Not Impaired	0	0.00%	0	0.00%
Drinking-Impaired	0	0.00%	3	0.27%
Drugs	0	0.00%	2	0.18%
Other	0	0.00%	1	0.09%
Unknown	0	0.00%	75	6.87%
Total	14	100.00%	1,092	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	7	46.67%	486	39.19%
Ran Traffic Signal	0	0.00%	11	0.89%
Ran Stop Sign	1	6.67%	12	0.97%
Passed Stopped School Bus	0	0.00%	0	0.00%
Improper Passing	1	6.67%	9	0.73%
Left of Center, Not Passing	0	0.00%	9	0.73%
FTYROW at Intersection	1	6.67%	9	0.73%
FTYROW from Stop Sign	1	6.67%	36	2.90%
FTYROW from Yield Sign	0	0.00%	6	0.48%
FTYROW Making Left Turn	0	0.00%	29	2.34%
FTYROW from Driveway	0	0.00%	8	0.65%
FTYROW from Parked	0	0.00%	4	0.32%
FTYROW to Pedestrian	0	0.00%	1	0.08%
FTYROW Other	1	6.67%	6	0.48%
Wrong Way/One-Way	0	0.00%	1	0.08%
Too Fast for Conditions	0	0.00%	33	2.66%
Exceeding Speed Limit	0	0.00%	1	0.08%
Drag Racing	0	0.00%	0	0.00%
Improper Turn	0	0.00%	15	1.21%
Improper Lane Change	1	6.67%	25	2.02%
Following Too Close	0	0.00%	27	2.18%
No/Improper Signal	1	6.67%	7	0.56%
Disregarded Railroad Signal	0	0.00%	1	0.08%
Disregarded Warning Signal	0	0.00%	4	0.32%
Reckless Driving	0	0.00%	1	0.08%
Improper Backing	0	0.00%	46	3.71%
Illegal/Improper Parking	0	0.00%	3	0.24%
Failure to Control Vehicle	0	0.00%	117	9.44%
Headlights Not On	0	0.00%	0	0.00%
Inattentive/Distracted	0	0.00%	52	4.19%
Confused	0	0.00%	6	0.48%
Vision Obscured	1	6.67%	35	2.82%
Oversized/Loaded Vehicle	0	0.00%	18	1.45%
Inexperienced Driver	0	0.00%	7	0.56%
Other	0	0.00%	89	7.18%
Unknown	0	0.00%	126	10.16%
Total	15	100.00%	1,240	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash. FTYROW—Failure to Yield Right-of-Way.

Truck Tractors & Semitrailer Trucks



Out of 63,364 total crashes, one or more truck tractors or semitrailer trucks were involved in:

- 2,714 crashes (all types)
- 60 fatal crashes
- 840 injury crashes
- 1,814 property damage crashes

9 occupants were killed, or 02.02% of all fatalities
326 occupants were injured, or 00.92% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Truck Tractors & Semitrailer Trucks		All Others	
	Number	Percent	Number	Percent
Fatal	9	12.86%	61	87.14%
Major	41	21.69%	148	78.31%
Minor	138	31.08%	306	68.92%
Possible	142	25.18%	422	74.82%
Unknown	5	41.67%	7	58.33%
Total	335	26.19%	944	73.81%

This chart compares injury severity of truck tractor and semitrailer truck occupants with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved truck tractors and semitrailer trucks.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	4	44.44%	48	14.72%
Lap Belt	1	11.11%	22	6.75%
Lap & Shoulder Belt	1	11.11%	149	45.71%
Airbag Deployed	0	0.00%	2	0.61%
Child Restraint	0	0.00%	2	0.61%
Motorcycle Helmet	0	0.00%	1	0.31%
Passive Belt	0	0.00%	0	0.00%
Other	0	0.00%	1	0.31%
Unknown	3	33.33%	101	30.98%
Total	9	100.00%	326	100.00%

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	0	0.00%	42	12.88%
Male	9	100.00%	284	87.12%
Unknown	0	0.00%	0	0.00%
Total	9	100.00%	326	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	8	88.89%	281	86.20%
Front Seat Passenger	0	0.00%	35	10.74%
Back Seat Passenger	1	11.11%	4	1.23%
Third+ Seat Passenger	0	0.00%	5	1.53%
Bus Passenger	0	0.00%	0	0.00%
Riding on Exterior	0	0.00%	0	0.00%
MC/Moped Driver	0	0.00%	0	0.00%
MC/Moped Passenger	0	0.00%	0	0.00%
Pedalcyclist	0	0.00%	0	0.00%
Unknown	0	0.00%	1	0.31%
Total	9	100.00%	326	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	4	1.23%
15	0	0.00%	0	0.00%
16	0	0.00%	2	0.61%
17	0	0.00%	1	0.31%
18	0	0.00%	0	0.00%
19	0	0.00%	1	0.31%
20	0	0.00%	3	0.92%
Total Under 21*	0	0.00%	11	3.37%
All Ages				
14 & Under	0	0.00%	4	1.23%
15 to 24	3	33.33%	27	8.28%
25 to 34	0	0.00%	77	23.62%
35 to 44	2	22.22%	90	27.61%
45 to 54	2	22.22%	76	23.31%
55 to 64	2	22.22%	40	12.27%
65 to 74	0	0.00%	7	2.15%
75 & Over	0	0.00%	1	0.31%
Unknown	0	0.00%	4	1.23%
Total	9	100.00%	326	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	0	0.00%	82	25.15%
Lower Torso	0	0.00%	11	3.37%
Internal	1	11.11%	6	1.84%
Head	1	11.11%	29	8.90%
Arms	0	0.00%	25	7.67%
Legs	0	0.00%	22	6.75%
Multiple	7	77.78%	127	38.96%
Other/Unknown	0	0.00%	24	7.36%
Total	9	100.00%	326	100.00%

Truck Tractors & Semitrailer Trucks

Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	3	4.62%	93	3.46%
Male	62	95.38%	2,546	94.65%
Unknown	0	0.00%	51	1.90%
Total	65	100.00%	2,690	100.00%

Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	0	0.00%
15	0	0.00%	1	0.04%
16	0	0.00%	2	0.07%
17	0	0.00%	2	0.07%
18	0	0.00%	6	0.22%
19	0	0.00%	13	0.48%
20	0	0.00%	12	0.45%
Total Under 21*	0	0.00%	36	1.34%
All Ages				
14 & Under	0	0.00%	0	0.00%
15 to 24	4	6.15%	181	6.73%
25 to 34	10	15.38%	566	21.04%
35 to 44	24	36.92%	782	29.07%
45 to 54	13	20.00%	620	23.05%
55 to 64	13	20.00%	380	14.13%
65 to 74	1	1.54%	79	2.94%
75 & Over	0	0.00%	7	0.26%
Unknown	0	0.00%	75	2.79%
Total	65	100.00%	2,690	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	56	86.15%	1,589	57.34%
Turning Left	3	4.62%	227	8.19%
Turning Right	0	0.00%	264	9.53%
Making U-Turn	0	0.00%	4	0.14%
Passing	0	0.00%	48	1.73%
Changing Lanes	1	1.54%	106	3.83%
Merging	1	1.54%	24	0.87%
Parking	0	0.00%	6	0.22%
Slowing/Stopping	2	3.08%	85	3.07%
Backing	0	0.00%	86	3.10%
Stopped for Sign/Signal	0	0.00%	38	1.37%
Stopped in Traffic	1	1.54%	28	1.01%
Stalled in Traffic	0	0.00%	1	0.04%
Properly Parked	0	0.00%	40	1.44%
Improperly Parked	0	0.00%	15	0.54%
Unattended Moving Vehicle	0	0.00%	3	0.11%
Other	1	1.54%	38	1.37%
Unknown	0	0.00%	169	6.10%
Total	65	100.00%	2,771	100.00%

Drivers by Condition

Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	55	84.62%	2,406	89.44%
Physical Defect	0	0.00%	2	0.07%
Fatigue	1	1.54%	16	0.59%
Apparently Asleep	0	0.00%	17	0.63%
Illness	0	0.00%	5	0.19%
Under Medication	0	0.00%	2	0.07%
Infirmities of Age	0	0.00%	3	0.11%
Drinking-Not Impaired	1	1.54%	4	0.15%
Drinking-Impaired	1	1.54%	7	0.26%
Drugs	0	0.00%	3	0.11%
Other	0	0.00%	5	0.19%
Unknown	7	10.77%	220	8.18%
Total	65	100.00%	2,690	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	44	62.86%	1,262	41.83%
Ran Traffic Signal	0	0.00%	33	1.09%
Ran Stop Sign	1	1.43%	17	0.56%
Passed Stopped School Bus	0	0.00%	0	0.00%
Improper Passing	0	0.00%	39	1.29%
Left of Center, Not Passing	2	2.86%	15	0.50%
FTYROW at Intersection	0	0.00%	4	0.13%
FTYROW from Stop Sign	0	0.00%	42	1.39%
FTYROW from Yield Sign	0	0.00%	7	0.23%
FTYROW Making Left Turn	2	2.86%	25	0.83%
FTYROW from Driveway	0	0.00%	10	0.33%
FTYROW from Parked	0	0.00%	3	0.10%
FTYROW to Pedestrian	0	0.00%	0	0.00%
FTYROW Other	0	0.00%	14	0.46%
Wrong Way/One-Way	0	0.00%	1	0.03%
Too Fast for Conditions	1	1.43%	104	3.45%
Exceeding Speed Limit	0	0.00%	7	0.23%
Drag Racing	0	0.00%	1	0.03%
Improper Turn	0	0.00%	93	3.08%
Improper Lane Change	0	0.00%	99	3.28%
Following Too Close	1	1.43%	56	1.86%
No/Improper Signal	0	0.00%	9	0.30%
Disregarded Railroad Signal	0	0.00%	3	0.10%
Disregarded Warning Signal	0	0.00%	10	0.33%
Reckless Driving	1	1.43%	2	0.07%
Improper Backing	0	0.00%	56	1.86%
Illegal/Improper Parking	0	0.00%	14	0.46%
Failure to Control Vehicle	7	10.00%	293	9.71%
Headlights Not On	0	0.00%	1	0.03%
Inattentive/Distracted	3	4.29%	98	3.25%
Confused	0	0.00%	14	0.46%
Vision Obscured	1	1.43%	73	2.42%
Oversized/Loaded Vehicle	0	0.00%	46	1.52%
Inexperienced Driver	0	0.00%	17	0.56%
Other	4	5.71%	190	6.30%
Unknown	3	4.29%	359	11.90%
Total	70	100.00%	3,017	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash. FTYROW—Failure to Yield Right-of-Way.

Maintenance & Construction Vehicles



Out of 63,364 total crashes, one or more maintenance or construction vehicles were involved in:

- 472 crashes (all types)
- 4 fatal crashes
- 152 injury crashes
- 316 property damage crashes

- 1 occupants were killed, or 00.22% of all fatalities
- 47 occupants were injured, or 00.13% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Maintenance & Construction Vehicles		All Others	
	Number	Percent	Number	Percent
Fatal	1	25.00%	3	75.00%
Major	8	28.57%	20	71.43%
Minor	20	28.57%	50	71.43%
Possible	19	19.79%	77	80.21%
Unknown	0	0.00%	2	100.00%
Total	48	24.00%	152	76.00%

This chart compares injury severity of maintenance and construction vehicle occupants with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved maintenance and construction vehicles.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	1	100.00%	8	17.02%
Lap Belt	0	0.00%	5	10.64%
Lap & Shoulder Belt	0	0.00%	25	53.19%
Airbag Deployed	0	0.00%	0	0.00%
Child Restraint	0	0.00%	1	2.13%
Motorcycle Helmet	0	0.00%	0	0.00%
Passive Belt	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	8	17.02%
Total	1	100.00%	47	100.00%

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	0	0.00%	5	10.64%
Male	1	100.00%	42	89.36%
Unknown	0	0.00%	0	0.00%
Total	1	100.00%	47	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	0	0.00%	40	85.11%
Front Seat Passenger	0	0.00%	3	6.38%
Back Seat Passenger	0	0.00%	0	0.00%
Third+ Seat Passenger	0	0.00%	0	0.00%
Bus Passenger	0	0.00%	0	0.00%
Riding on Exterior	1	100.00%	3	6.38%
MC/Moped Driver	0	0.00%	0	0.00%
MC/Moped Passenger	0	0.00%	0	0.00%
Pedalcyclist	0	0.00%	0	0.00%
Unknown	0	0.00%	1	2.13%
Total	1	100.00%	47	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	0	0.00%
15	0	0.00%	0	0.00%
16	0	0.00%	0	0.00%
17	0	0.00%	0	0.00%
18	0	0.00%	0	0.00%
19	0	0.00%	0	0.00%
20	0	0.00%	0	0.00%
Total Under 21*	0	0.00%	0	0.00%
All Ages				
14 & Under	0	0.00%	0	0.00%
15 to 24	0	0.00%	3	6.38%
25 to 34	1	100.00%	10	21.28%
35 to 44	0	0.00%	11	23.40%
45 to 54	0	0.00%	15	31.91%
55 to 64	0	0.00%	4	8.51%
65 to 74	0	0.00%	2	4.26%
75 & Over	0	0.00%	0	0.00%
Unknown	0	0.00%	2	4.26%
Total	1	100.00%	47	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	0	0.00%	11	23.40%
Lower Torso	0	0.00%	1	2.13%
Internal	0	0.00%	0	0.00%
Head	0	0.00%	11	23.40%
Arms	0	0.00%	1	2.13%
Legs	0	0.00%	2	4.26%
Multiple	1	100.00%	17	36.17%
Other/Unknown	0	0.00%	4	8.51%
Total	1	100.00%	47	100.00%

Maintenance & Construction Vehicles

Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	0	0.00%	11	2.45%
Male	4	100.00%	433	96.44%
Unknown	0	0.00%	5	1.11%
Total	4	100.00%	449	100.00%

Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	0	0.00%
15	0	0.00%	0	0.00%
16	0	0.00%	1	0.22%
17	0	0.00%	1	0.22%
18	0	0.00%	2	0.45%
19	0	0.00%	5	1.11%
20	0	0.00%	3	0.67%
Total Under 21*	0	0.00%	12	2.67%
All Ages				
14 & Under	0	0.00%	0	0.00%
15 to 24	1	25.00%	43	9.58%
25 to 34	0	0.00%	109	24.28%
35 to 44	2	50.00%	119	26.50%
45 to 54	1	25.00%	109	24.28%
55 to 64	0	0.00%	50	11.14%
65 to 74	0	0.00%	9	2.00%
75 & Over	0	0.00%	2	0.45%
Unknown	0	0.00%	8	1.78%
Total	4	100.00%	449	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	4	100.00%	221	47.02%
Turning Left	0	0.00%	30	6.38%
Turning Right	0	0.00%	17	3.62%
Making U-Turn	0	0.00%	3	0.64%
Passing	0	0.00%	0	0.00%
Changing Lanes	0	0.00%	10	2.13%
Merging	0	0.00%	3	0.64%
Parking	0	0.00%	3	0.64%
Slowing/Stopping	0	0.00%	13	2.77%
Backing	0	0.00%	65	13.83%
Stopped for Sign/Signal	0	0.00%	12	2.55%
Stopped in Traffic	0	0.00%	10	2.13%
Stalled in Traffic	0	0.00%	0	0.00%
Properly Parked	0	0.00%	20	4.26%
Improperly Parked	0	0.00%	3	0.64%
Unattended Moving Vehicle	0	0.00%	2	0.43%
Other	0	0.00%	28	5.96%
Unknown	0	0.00%	30	6.38%
Total	4	100.00%	470	100.00%

Drivers by Condition

Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	4	100.00%	408	90.87%
Physical Defect	0	0.00%	1	0.22%
Fatigue	0	0.00%	0	0.00%
Apparently Asleep	0	0.00%	1	0.22%
Illness	0	0.00%	0	0.00%
Under Medication	0	0.00%	1	0.22%
Infirmities of Age	0	0.00%	1	0.22%
Drinking-Not Impaired	0	0.00%	0	0.00%
Drinking-Impaired	0	0.00%	2	0.45%
Drugs	0	0.00%	2	0.45%
Other	0	0.00%	2	0.45%
Unknown	0	0.00%	31	6.90%
Total	4	100.00%	449	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	4	100.00%	200	39.29%
Ran Traffic Signal	0	0.00%	4	0.79%
Ran Stop Sign	0	0.00%	4	0.79%
Passed Stopped School Bus	0	0.00%	0	0.00%
Improper Passing	0	0.00%	2	0.39%
Left of Center, Not Passing	0	0.00%	2	0.39%
FTYROW at Intersection	0	0.00%	0	0.00%
FTYROW from Stop Sign	0	0.00%	22	4.32%
FTYROW from Yield Sign	0	0.00%	2	0.39%
FTYROW Making Left Turn	0	0.00%	5	0.98%
FTYROW from Driveway	0	0.00%	4	0.79%
FTYROW from Parked	0	0.00%	2	0.39%
FTYROW to Pedestrian	0	0.00%	0	0.00%
FTYROW Other	0	0.00%	5	0.98%
Wrong Way/One-Way	0	0.00%	0	0.00%
Too Fast for Conditions	0	0.00%	3	0.59%
Exceeding Speed Limit	0	0.00%	0	0.00%
Drag Racing	0	0.00%	0	0.00%
Improper Turn	0	0.00%	5	0.98%
Improper Lane Change	0	0.00%	9	1.77%
Following Too Close	0	0.00%	9	1.77%
No/Improper Signal	0	0.00%	2	0.39%
Disregarded Railroad Signal	0	0.00%	2	0.39%
Disregarded Warning Signal	0	0.00%	0	0.00%
Reckless Driving	0	0.00%	0	0.00%
Improper Backing	0	0.00%	36	7.07%
Illegal/Improper Parking	0	0.00%	2	0.39%
Failure to Control Vehicle	0	0.00%	30	5.89%
Headlights Not On	0	0.00%	0	0.00%
Inattentive/Distracted	0	0.00%	18	3.54%
Confused	0	0.00%	1	0.20%
Vision Obscured	0	0.00%	24	4.72%
Oversized/Loaded Vehicle	0	0.00%	7	1.38%
Inexperienced Driver	0	0.00%	2	0.39%
Other	0	0.00%	41	8.06%
Unknown	0	0.00%	66	12.97%
Total	4	100.00%	509	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash. FTYROW—Failure to Yield Right-of-Way.

Motor Homes



Out of 63,364 total crashes, one or more motor homes were involved in:

- 75 crashes (all types)
- 0 fatal crashes
- 18 injury crashes
- 57 property damage crashes

- 0 occupants were killed, or 00.00% of all fatalities
- 14 occupants were injured, or 00.04% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Motor Homes		All Others	
	Number	Percent	Number	Percent
Fatal	0	0.00%	0	0.00%
Major	0	0.00%	0	0.00%
Minor	10	66.67%	5	33.33%
Possible	4	36.36%	7	63.64%
Unknown	0	0.00%	0	0.00%
Total	14	53.85%	12	46.15%

This chart compares injury severity of motor home occupants with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved motor homes.

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	0	0.00%	10	71.43%
Male	0	0.00%	4	28.57%
Unknown	0	0.00%	0	0.00%
Total	0	0.00%	14	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	3	21.43%
15	0	0.00%	0	0.00%
16	0	0.00%	0	0.00%
17	0	0.00%	0	0.00%
18	0	0.00%	0	0.00%
19	0	0.00%	0	0.00%
20	0	0.00%	0	0.00%
Total Under 21*	0	0.00%	3	21.43%
All Ages				
14 & Under	0	0.00%	3	21.43%
15 to 24	0	0.00%	0	0.00%
25 to 34	0	0.00%	1	7.14%
35 to 44	0	0.00%	0	0.00%
45 to 54	0	0.00%	1	7.14%
55 to 64	0	0.00%	7	50.00%
65 to 74	0	0.00%	1	7.14%
75 & Over	0	0.00%	0	0.00%
Unknown	0	0.00%	1	7.14%
Total	0	0.00%	14	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	0	0.00%	4	28.57%
Lap Belt	0	0.00%	3	21.43%
Lap & Shoulder Belt	0	0.00%	1	7.14%
Airbag Deployed	0	0.00%	0	0.00%
Child Restraint	0	0.00%	0	0.00%
Motorcycle Helmet	0	0.00%	0	0.00%
Passive Belt	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	6	42.86%
Total	0	0.00%	14	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	0	0.00%	5	35.71%
Front Seat Passenger	0	0.00%	5	35.71%
Back Seat Passenger	0	0.00%	3	21.43%
Third+ Seat Passenger	0	0.00%	1	7.14%
Bus Passenger	0	0.00%	0	0.00%
Riding on Exterior	0	0.00%	0	0.00%
MC/Moped Driver	0	0.00%	0	0.00%
MC/Moped Passenger	0	0.00%	0	0.00%
Pedalcyclist	0	0.00%	0	0.00%
Unknown	0	0.00%	0	0.00%
Total	0	0.00%	14	100.00%

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	0	0.00%	3	21.43%
Lower Torso	0	0.00%	0	0.00%
Internal	0	0.00%	0	0.00%
Head	0	0.00%	5	35.71%
Arms	0	0.00%	0	0.00%
Legs	0	0.00%	3	21.43%
Multiple	0	0.00%	2	14.29%
Other/Unknown	0	0.00%	1	7.14%
Total	0	0.00%	14	100.00%

Motor Homes

Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	0	0.00%	9	13.04%
Male	0	0.00%	59	85.51%
Unknown	0	0.00%	1	1.45%
Total	0	0.00%	69	100.00%

Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	0	0.00%
15	0	0.00%	0	0.00%
16	0	0.00%	0	0.00%
17	0	0.00%	0	0.00%
18	0	0.00%	0	0.00%
19	0	0.00%	0	0.00%
20	0	0.00%	0	0.00%
Total Under 21*	0	0.00%	0	0.00%
All Ages				
14 & Under	0	0.00%	0	0.00%
15 to 24	0	0.00%	1	1.45%
25 to 34	0	0.00%	3	4.35%
35 to 44	0	0.00%	7	10.14%
45 to 54	0	0.00%	11	15.94%
55 to 64	0	0.00%	21	30.43%
65 to 74	0	0.00%	18	26.09%
75 & Over	0	0.00%	4	5.80%
Unknown	0	0.00%	4	5.80%
Total	0	0.00%	69	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	0	0.00%	47	55.95%
Turning Left	0	0.00%	4	4.76%
Turning Right	0	0.00%	3	3.57%
Making U-Turn	0	0.00%	0	0.00%
Passing	0	0.00%	2	2.38%
Changing Lanes	0	0.00%	1	1.19%
Merging	0	0.00%	2	2.38%
Parking	0	0.00%	2	2.38%
Slowing/Stopping	0	0.00%	1	1.19%
Backing	0	0.00%	0	0.00%
Stopped for Sign/Signal	0	0.00%	0	0.00%
Stopped in Traffic	0	0.00%	1	1.19%
Stalled in Traffic	0	0.00%	0	0.00%
Properly Parked	0	0.00%	11	13.10%
Improperly Parked	0	0.00%	0	0.00%
Unattended Moving Vehicle	0	0.00%	0	0.00%
Other	0	0.00%	1	1.19%
Unknown	0	0.00%	9	10.71%
Total	0	0.00%	84	100.00%

Drivers by Condition

Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	0	0.00%	60	86.96%
Physical Defect	0	0.00%	0	0.00%
Fatigue	0	0.00%	0	0.00%
Apparently Asleep	0	0.00%	0	0.00%
Illness	0	0.00%	0	0.00%
Under Medication	0	0.00%	0	0.00%
Infirmities of Age	0	0.00%	1	1.45%
Drinking-Not Impaired	0	0.00%	1	1.45%
Drinking-Impaired	0	0.00%	0	0.00%
Drugs	0	0.00%	0	0.00%
Other	0	0.00%	1	1.45%
Unknown	0	0.00%	6	8.70%
Total	0	0.00%	69	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	0	0.00%	39	44.83%
Ran Traffic Signal	0	0.00%	0	0.00%
Ran Stop Sign	0	0.00%	2	2.30%
Passed Stopped School Bus	0	0.00%	0	0.00%
Improper Passing	0	0.00%	2	2.30%
Left of Center, Not Passing	0	0.00%	0	0.00%
FTYROW at Intersection	0	0.00%	0	0.00%
FTYROW from Stop Sign	0	0.00%	3	3.45%
FTYROW from Yield Sign	0	0.00%	0	0.00%
FTYROW Making Left Turn	0	0.00%	0	0.00%
FTYROW from Driveway	0	0.00%	1	1.15%
FTYROW from Parked	0	0.00%	1	1.15%
FTYROW to Pedestrian	0	0.00%	0	0.00%
FTYROW Other	0	0.00%	0	0.00%
Wrong Way/One-Way	0	0.00%	0	0.00%
Too Fast for Conditions	0	0.00%	3	3.45%
Exceeding Speed Limit	0	0.00%	0	0.00%
Drag Racing	0	0.00%	0	0.00%
Improper Turn	0	0.00%	2	2.30%
Improper Lane Change	0	0.00%	3	3.45%
Following Too Close	0	0.00%	2	2.30%
No/Improper Signal	0	0.00%	0	0.00%
Disregarded Railroad Signal	0	0.00%	0	0.00%
Disregarded Warning Signal	0	0.00%	0	0.00%
Reckless Driving	0	0.00%	0	0.00%
Improper Backing	0	0.00%	0	0.00%
Illegal/Improper Parking	0	0.00%	1	1.15%
Failure to Control Vehicle	0	0.00%	3	3.45%
Headlights Not On	0	0.00%	0	0.00%
Inattentive/Distracted	0	0.00%	2	2.30%
Confused	0	0.00%	0	0.00%
Vision Obscured	0	0.00%	0	0.00%
Oversized/Loaded Vehicle	0	0.00%	0	0.00%
Inexperienced Driver	0	0.00%	0	0.00%
Other	0	0.00%	8	9.20%
Unknown	0	0.00%	15	17.24%
Total	0	0.00%	87	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash. FTYROW—Failure to Yield Right-of-Way.

Buses



Out of 63,364 total crashes, one or more buses were involved in:

- 218 crashes (all types)
- 0 fatal crashes
- 64 injury crashes
- 154 property damage crashes

0 occupants were killed, or 00.00% of all fatalities
49 occupants were injured, or 00.14% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Buses		All Others	
	Number	Percent	Number	Percent
Fatal	0	0.00%	0	0.00%
Major	1	14.29%	6	85.71%
Minor	10	41.67%	14	58.33%
Possible	37	51.39%	35	48.61%
Unknown	1	100.00%	0	0.00%
Total	49	47.12%	55	52.88%

This chart compares injury severity of bus occupants with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved buses.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	0	0.00%	32	65.31%
Lap Belt	0	0.00%	4	8.16%
Lap & Shoulder Belt	0	0.00%	3	6.12%
Airbag Deployed	0	0.00%	0	0.00%
Child Restraint	0	0.00%	0	0.00%
Motorcycle Helmet	0	0.00%	0	0.00%
Passive Belt	0	0.00%	0	0.00%
Other	0	0.00%	1	2.04%
Unknown	0	0.00%	9	18.37%
Total	0	0.00%	49	100.00%

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	0	0.00%	31	63.27%
Male	0	0.00%	18	36.73%
Unknown	0	0.00%	0	0.00%
Total	0	0.00%	49	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	0	0.00%	8	16.33%
Front Seat Passenger	0	0.00%	0	0.00%
Back Seat Passenger	0	0.00%	0	0.00%
Third+ Seat Passenger	0	0.00%	0	0.00%
Bus Passenger	0	0.00%	41	83.67%
Riding on Exterior	0	0.00%	0	0.00%
MC/Moped Driver	0	0.00%	0	0.00%
MC/Moped Passenger	0	0.00%	0	0.00%
Pedalcyclist	0	0.00%	0	0.00%
Unknown	0	0.00%	0	0.00%
Total	0	0.00%	49	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	21	42.86%
15	0	0.00%	1	2.04%
16	0	0.00%	2	4.08%
17	0	0.00%	0	0.00%
18	0	0.00%	1	2.04%
19	0	0.00%	2	4.08%
20	0	0.00%	0	0.00%
Total Under 21*	0	0.00%	27	55.10%
All Ages				
14 & Under	0	0.00%	21	42.86%
15 to 24	0	0.00%	7	14.29%
25 to 34	0	0.00%	1	2.04%
35 to 44	0	0.00%	6	12.24%
45 to 54	0	0.00%	2	4.08%
55 to 64	0	0.00%	2	4.08%
65 to 74	0	0.00%	3	6.12%
75 & Over	0	0.00%	1	2.04%
Unknown	0	0.00%	6	12.24%
Total	0	0.00%	49	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	0	0.00%	10	20.41%
Lower Torso	0	0.00%	6	12.24%
Internal	0	0.00%	1	2.04%
Head	0	0.00%	2	4.08%
Arms	0	0.00%	4	8.16%
Legs	0	0.00%	7	14.29%
Multiple	0	0.00%	9	18.37%
Other/Unknown	0	0.00%	10	20.41%
Total	0	0.00%	49	100.00%

Buses

Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	0	0.00%	59	27.44%
Male	0	0.00%	154	71.63%
Unknown	0	0.00%	2	0.93%
Total	0	0.00%	215	100.00%

Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	0	0.00%
15	0	0.00%	0	0.00%
16	0	0.00%	0	0.00%
17	0	0.00%	0	0.00%
18	0	0.00%	1	0.47%
19	0	0.00%	1	0.47%
20	0	0.00%	3	1.40%
Total Under 21*	0	0.00%	5	2.33%
All Ages				
14 & Under	0	0.00%	0	0.00%
15 to 24	0	0.00%	16	7.44%
25 to 34	0	0.00%	17	7.91%
35 to 44	0	0.00%	44	20.47%
45 to 54	0	0.00%	56	26.05%
55 to 64	0	0.00%	57	26.51%
65 to 74	0	0.00%	18	8.37%
75 & Over	0	0.00%	3	1.40%
Unknown	0	0.00%	4	1.86%
Total	0	0.00%	215	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	0	0.00%	110	49.77%
Turning Left	0	0.00%	25	11.31%
Turning Right	0	0.00%	19	8.60%
Making U-Turn	0	0.00%	0	0.00%
Passing	0	0.00%	1	0.45%
Changing Lanes	0	0.00%	5	2.26%
Merging	0	0.00%	2	0.90%
Parking	0	0.00%	3	1.36%
Slowing/Stopping	0	0.00%	7	3.17%
Backing	0	0.00%	10	4.52%
Stopped for Sign/Signal	0	0.00%	10	4.52%
Stopped in Traffic	0	0.00%	12	5.43%
Stalled in Traffic	0	0.00%	0	0.00%
Properly Parked	0	0.00%	3	1.36%
Improperly Parked	0	0.00%	1	0.45%
Unattended Moving Vehicle	0	0.00%	0	0.00%
Other	0	0.00%	4	1.81%
Unknown	0	0.00%	9	4.07%
Total	0	0.00%	221	100.00%

Drivers by Condition

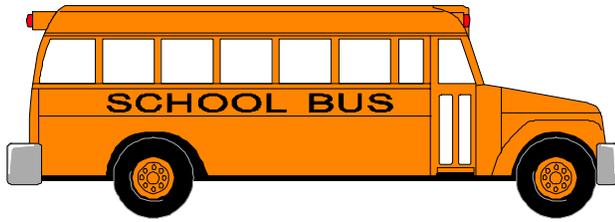
Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	0	0.00%	203	94.42%
Physical Defect	0	0.00%	0	0.00%
Fatigue	0	0.00%	0	0.00%
Apparently Asleep	0	0.00%	0	0.00%
Illness	0	0.00%	0	0.00%
Under Medication	0	0.00%	0	0.00%
Infirmities of Age	0	0.00%	0	0.00%
Drinking-Not Impaired	0	0.00%	0	0.00%
Drinking-Impaired	0	0.00%	0	0.00%
Drugs	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	12	5.58%
Total	0	0.00%	215	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	0	0.00%	117	50.00%
Ran Traffic Signal	0	0.00%	4	1.71%
Ran Stop Sign	0	0.00%	0	0.00%
Passed Stopped School Bus	0	0.00%	0	0.00%
Improper Passing	0	0.00%	1	0.43%
Left of Center, Not Passing	0	0.00%	1	0.43%
FTYROW at Intersection	0	0.00%	0	0.00%
FTYROW from Stop Sign	0	0.00%	9	3.85%
FTYROW from Yield Sign	0	0.00%	0	0.00%
FTYROW Making Left Turn	0	0.00%	1	0.43%
FTYROW from Driveway	0	0.00%	3	1.28%
FTYROW from Parked	0	0.00%	0	0.00%
FTYROW to Pedestrian	0	0.00%	2	0.85%
FTYROW Other	0	0.00%	1	0.43%
Wrong Way/One-Way	0	0.00%	0	0.00%
Too Fast for Conditions	0	0.00%	3	1.28%
Exceeding Speed Limit	0	0.00%	1	0.43%
Drag Racing	0	0.00%	0	0.00%
Improper Turn	0	0.00%	7	2.99%
Improper Lane Change	0	0.00%	2	0.85%
Following Too Close	0	0.00%	4	1.71%
No/Improper Signal	0	0.00%	2	0.85%
Disregarded Railroad Signal	0	0.00%	0	0.00%
Disregarded Warning Signal	0	0.00%	0	0.00%
Reckless Driving	0	0.00%	0	0.00%
Improper Backing	0	0.00%	7	2.99%
Illegal/Improper Parking	0	0.00%	1	0.43%
Failure to Control Vehicle	0	0.00%	10	4.27%
Headlights Not On	0	0.00%	0	0.00%
Inattentive/Distracted	0	0.00%	8	3.42%
Confused	0	0.00%	3	1.28%
Vision Obscured	0	0.00%	2	0.85%
Oversized/Loaded Vehicle	0	0.00%	4	1.71%
Inexperienced Driver	0	0.00%	3	1.28%
Other	0	0.00%	13	5.56%
Unknown	0	0.00%	25	10.68%
Total	0	0.00%	234	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash. FTYROW—Failure to Yield Right-of-Way.

School Buses



Out of 63,364 total crashes, one or more school buses were involved in:

- 201 crashes (all types)
- 5 fatal crashes
- 59 injury crashes
- 137 property damage crashes

0 occupants were killed, or 00.00% of all fatalities
162 occupants were injured, or 00.46% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	School Buses		All Others	
	Number	Percent	Number	Percent
Fatal	0	0.00%	6	100.00%
Major	2	20.00%	8	80.00%
Minor	75	84.27%	14	15.73%
Possible	85	72.65%	32	27.35%
Unknown	0	0.00%	0	0.00%
Total	162	72.97%	60	27.03%

This chart compares injury severity of school bus occupants with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved school buses.

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	0	0.00%	84	51.85%
Male	0	0.00%	78	48.15%
Unknown	0	0.00%	0	0.00%
Total	0	0.00%	162	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	103	63.58%
15	0	0.00%	7	4.32%
16	0	0.00%	4	2.47%
17	0	0.00%	2	1.23%
18	0	0.00%	0	0.00%
19	0	0.00%	0	0.00%
20	0	0.00%	0	0.00%
Total Under 21*	0	0.00%	116	71.60%
All Ages				
14 & Under	0	0.00%	103	63.58%
15 to 24	0	0.00%	14	8.64%
25 to 34	0	0.00%	2	1.23%
35 to 44	0	0.00%	5	3.09%
45 to 54	0	0.00%	6	3.70%
55 to 64	0	0.00%	2	1.23%
65 to 74	0	0.00%	2	1.23%
75 & Over	0	0.00%	7	4.32%
Unknown	0	0.00%	21	12.96%
Total	0	0.00%	162	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	0	0.00%	84	51.85%
Lap Belt	0	0.00%	11	6.79%
Lap & Shoulder Belt	0	0.00%	15	9.26%
Airbag Deployed	0	0.00%	0	0.00%
Child Restraint	0	0.00%	1	0.62%
Motorcycle Helmet	0	0.00%	0	0.00%
Passive Belt	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	51	31.48%
Total	0	0.00%	162	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	0	0.00%	16	9.88%
Front Seat Passenger	0	0.00%	0	0.00%
Back Seat Passenger	0	0.00%	0	0.00%
Third+ Seat Passenger	0	0.00%	0	0.00%
Bus Passenger	0	0.00%	146	90.12%
Riding on Exterior	0	0.00%	0	0.00%
MC/Moped Driver	0	0.00%	0	0.00%
MC/Moped Passenger	0	0.00%	0	0.00%
Pedalcyclist	0	0.00%	0	0.00%
Unknown	0	0.00%	0	0.00%
Total	0	0.00%	162	100.00%

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	0	0.00%	21	12.96%
Lower Torso	0	0.00%	2	1.23%
Internal	0	0.00%	0	0.00%
Head	0	0.00%	13	8.02%
Arms	0	0.00%	4	2.47%
Legs	0	0.00%	3	1.85%
Multiple	0	0.00%	49	30.25%
Other/Unknown	0	0.00%	70	43.21%
Total	0	0.00%	162	100.00%

School Buses

Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	1	20.00%	76	39.38%
Male	4	80.00%	115	59.59%
Unknown	0	0.00%	2	1.04%
Total	5	100.00%	193	100.00%

Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	0	0.00%
15	0	0.00%	0	0.00%
16	0	0.00%	0	0.00%
17	0	0.00%	0	0.00%
18	0	0.00%	0	0.00%
19	0	0.00%	2	1.04%
20	0	0.00%	0	0.00%
Total Under 21*	0	0.00%	2	1.04%
All Ages				
14 & Under	0	0.00%	0	0.00%
15 to 24	0	0.00%	9	4.66%
25 to 34	0	0.00%	20	10.36%
35 to 44	2	40.00%	28	14.51%
45 to 54	1	20.00%	51	26.42%
55 to 64	0	0.00%	50	25.91%
65 to 74	1	20.00%	30	15.54%
75 & Over	0	0.00%	3	1.55%
Unknown	1	20.00%	2	1.04%
Total	5	100.00%	193	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	5	100.00%	91	46.43%
Turning Left	0	0.00%	29	14.80%
Turning Right	0	0.00%	15	7.65%
Making U-Turn	0	0.00%	0	0.00%
Passing	0	0.00%	1	0.51%
Changing Lanes	0	0.00%	3	1.53%
Merging	0	0.00%	2	1.02%
Parking	0	0.00%	0	0.00%
Slowing/Stopping	0	0.00%	12	6.12%
Backing	0	0.00%	10	5.10%
Stopped for Sign/Signal	0	0.00%	9	4.59%
Stopped in Traffic	0	0.00%	10	5.10%
Stalled in Traffic	0	0.00%	0	0.00%
Properly Parked	0	0.00%	3	1.53%
Improperly Parked	0	0.00%	0	0.00%
Unattended Moving Vehicle	0	0.00%	0	0.00%
Other	0	0.00%	3	1.53%
Unknown	0	0.00%	8	4.08%
Total	5	100.00%	196	100.00%

Drivers by Condition

Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	4	80.00%	181	93.78%
Physical Defect	0	0.00%	0	0.00%
Fatigue	0	0.00%	0	0.00%
Apparently Asleep	0	0.00%	0	0.00%
Illness	0	0.00%	0	0.00%
Under Medication	0	0.00%	0	0.00%
Infirmities of Age	0	0.00%	0	0.00%
Drinking-Not Impaired	0	0.00%	1	0.52%
Drinking-Impaired	0	0.00%	0	0.00%
Drugs	0	0.00%	1	0.52%
Other	0	0.00%	0	0.00%
Unknown	1	20.00%	10	5.18%
Total	5	100.00%	193	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	5	100.00%	100	48.31%
Ran Traffic Signal	0	0.00%	1	0.48%
Ran Stop Sign	0	0.00%	0	0.00%
Passed Stopped School Bus	0	0.00%	0	0.00%
Improper Passing	0	0.00%	0	0.00%
Left of Center, Not Passing	0	0.00%	2	0.97%
FTYROW at Intersection	0	0.00%	2	0.97%
FTYROW from Stop Sign	0	0.00%	6	2.90%
FTYROW from Yield Sign	0	0.00%	2	0.97%
FTYROW Making Left Turn	0	0.00%	7	3.38%
FTYROW from Driveway	0	0.00%	4	1.93%
FTYROW from Parked	0	0.00%	1	0.48%
FTYROW to Pedestrian	0	0.00%	0	0.00%
FTYROW Other	0	0.00%	2	0.97%
Wrong Way/One-Way	0	0.00%	0	0.00%
Too Fast for Conditions	0	0.00%	5	2.42%
Exceeding Speed Limit	0	0.00%	0	0.00%
Drag Racing	0	0.00%	0	0.00%
Improper Turn	0	0.00%	5	2.42%
Improper Lane Change	0	0.00%	3	1.45%
Following Too Close	0	0.00%	2	0.97%
No/Improper Signal	0	0.00%	2	0.97%
Disregarded Railroad Signal	0	0.00%	0	0.00%
Disregarded Warning Signal	0	0.00%	0	0.00%
Reckless Driving	0	0.00%	0	0.00%
Improper Backing	0	0.00%	7	3.38%
Illegal/Improper Parking	0	0.00%	1	0.48%
Failure to Control Vehicle	0	0.00%	8	3.86%
Headlights Not On	0	0.00%	0	0.00%
Inattentive/Distracted	0	0.00%	10	4.83%
Confused	0	0.00%	0	0.00%
Vision Obscured	0	0.00%	2	0.97%
Oversized/Loaded Vehicle	0	0.00%	2	0.97%
Inexperienced Driver	0	0.00%	0	0.00%
Other	0	0.00%	12	5.80%
Unknown	0	0.00%	21	10.14%
Total	5	100.00%	207	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash. FTYROW—Failure to Yield Right-of-Way.

Farm Vehicles



Out of 63,364 total crashes, one or more farm vehicles were involved in:

- 206 crashes (all types)
- 6 fatal crashes
- 92 injury crashes
- 108 property damage crashes

2 occupants were killed, or 00.45% of all fatalities
31 occupants were injured, or 00.09% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Farm Vehicles		All Others	
	Number	Percent	Number	Percent
Fatal	2	28.57%	5	71.43%
Major	12	48.00%	13	52.00%
Minor	11	18.33%	49	81.67%
Possible	8	19.51%	33	80.49%
Unknown	0	0.00%	0	0.00%
Total	33	24.81%	100	75.19%

This chart compares injury severity of farm vehicle occupants with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved farm vehicles.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	2	100.00%	19	61.29%
Lap Belt	0	0.00%	0	0.00%
Lap & Shoulder Belt	0	0.00%	6	19.35%
Airbag Deployed	0	0.00%	1	3.23%
Child Restraint	0	0.00%	0	0.00%
Motorcycle Helmet	0	0.00%	0	0.00%
Passive Belt	0	0.00%	0	0.00%
Other	0	0.00%	1	3.23%
Unknown	0	0.00%	4	12.90%
Total	2	100.00%	31	100.00%

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	0	0.00%	6	19.35%
Male	2	100.00%	25	80.65%
Unknown	0	0.00%	0	0.00%
Total	2	100.00%	31	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	1	50.00%	27	87.10%
Front Seat Passenger	1	50.00%	0	0.00%
Back Seat Passenger	0	0.00%	1	3.23%
Third+ Seat Passenger	0	0.00%	0	0.00%
Bus Passenger	0	0.00%	0	0.00%
Riding on Exterior	0	0.00%	3	9.68%
MC/Moped Driver	0	0.00%	0	0.00%
MC/Moped Passenger	0	0.00%	0	0.00%
Pedalcyclist	0	0.00%	0	0.00%
Unknown	0	0.00%	0	0.00%
Total	2	100.00%	31	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	1	50.00%	2	6.45%
15	0	0.00%	0	0.00%
16	0	0.00%	0	0.00%
17	0	0.00%	0	0.00%
18	0	0.00%	0	0.00%
19	0	0.00%	0	0.00%
20	0	0.00%	0	0.00%
Total Under 21*	1	50.00%	2	6.45%
All Ages				
14 & Under	1	50.00%	2	6.45%
15 to 24	0	0.00%	5	16.13%
25 to 34	0	0.00%	4	12.90%
35 to 44	0	0.00%	6	19.35%
45 to 54	0	0.00%	5	16.13%
55 to 64	0	0.00%	4	12.90%
65 to 74	0	0.00%	2	6.45%
75 & Over	1	50.00%	2	6.45%
Unknown	0	0.00%	1	3.23%
Total	2	100.00%	31	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	0	0.00%	7	22.58%
Lower Torso	0	0.00%	1	3.23%
Internal	0	0.00%	0	0.00%
Head	1	50.00%	4	12.90%
Arms	0	0.00%	0	0.00%
Legs	0	0.00%	2	6.45%
Multiple	1	50.00%	17	54.84%
Other/Unknown	0	0.00%	0	0.00%
Total	2	100.00%	31	100.00%

Farm Vehicles

Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	0	0.00%	8	4.10%
Male	6	100.00%	186	95.38%
Unknown	0	0.00%	1	0.51%
Total	6	100.00%	195	100.00%

Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	2	1.03%
15	0	0.00%	3	1.54%
16	0	0.00%	1	0.51%
17	0	0.00%	2	1.03%
18	0	0.00%	6	3.08%
19	0	0.00%	1	0.51%
20	0	0.00%	4	2.05%
Total Under 21*	0	0.00%	19	9.74%
All Ages				
14 & Under	0	0.00%	2	1.03%
15 to 24	2	33.33%	30	15.38%
25 to 34	1	16.67%	24	12.31%
35 to 44	1	16.67%	36	18.46%
45 to 54	0	0.00%	37	18.97%
55 to 64	0	0.00%	26	13.33%
65 to 74	1	16.67%	25	12.82%
75 & Over	1	16.67%	12	6.15%
Unknown	0	0.00%	3	1.54%
Total	6	100.00%	195	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	4	66.67%	84	41.38%
Turning Left	1	16.67%	66	32.51%
Turning Right	0	0.00%	10	4.93%
Making U-Turn	0	0.00%	4	1.97%
Passing	0	0.00%	0	0.00%
Changing Lanes	0	0.00%	3	1.48%
Merging	0	0.00%	0	0.00%
Parking	0	0.00%	0	0.00%
Slowing/Stopping	0	0.00%	3	1.48%
Backing	0	0.00%	3	1.48%
Stopped for Sign/Signal	0	0.00%	2	0.99%
Stopped in Traffic	0	0.00%	4	1.97%
Stalled in Traffic	0	0.00%	0	0.00%
Properly Parked	0	0.00%	4	1.97%
Improperly Parked	0	0.00%	1	0.49%
Unattended Moving Vehicle	0	0.00%	0	0.00%
Other	0	0.00%	6	2.96%
Unknown	1	16.67%	13	6.40%
Total	6	100.00%	203	100.00%

Drivers by Condition

Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	5	83.33%	179	91.79%
Physical Defect	0	0.00%	0	0.00%
Fatigue	0	0.00%	0	0.00%
Apparently Asleep	0	0.00%	0	0.00%
Illness	0	0.00%	0	0.00%
Under Medication	0	0.00%	0	0.00%
Infirmities of Age	0	0.00%	1	0.51%
Drinking-Not Impaired	0	0.00%	0	0.00%
Drinking-Impaired	0	0.00%	1	0.51%
Drugs	0	0.00%	0	0.00%
Other	0	0.00%	1	0.51%
Unknown	1	16.67%	13	6.67%
Total	6	100.00%	195	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	4	66.67%	81	36.65%
Ran Traffic Signal	0	0.00%	0	0.00%
Ran Stop Sign	0	0.00%	1	0.45%
Passed Stopped School Bus	0	0.00%	0	0.00%
Improper Passing	0	0.00%	0	0.00%
Left of Center, Not Passing	0	0.00%	2	0.90%
FTYROW at Intersection	0	0.00%	4	1.81%
FTYROW from Stop Sign	0	0.00%	7	3.17%
FTYROW from Yield Sign	0	0.00%	0	0.00%
FTYROW Making Left Turn	0	0.00%	7	3.17%
FTYROW from Driveway	0	0.00%	6	2.71%
FTYROW from Parked	0	0.00%	0	0.00%
FTYROW to Pedestrian	0	0.00%	0	0.00%
FTYROW Other	0	0.00%	4	1.81%
Wrong Way/One-Way	0	0.00%	0	0.00%
Too Fast for Conditions	0	0.00%	3	1.36%
Exceeding Speed Limit	0	0.00%	0	0.00%
Drag Racing	0	0.00%	0	0.00%
Improper Turn	0	0.00%	3	1.36%
Improper Lane Change	0	0.00%	2	0.90%
Following Too Close	0	0.00%	1	0.45%
No/Improper Signal	0	0.00%	14	6.33%
Disregarded Railroad Signal	0	0.00%	1	0.45%
Disregarded Warning Signal	0	0.00%	0	0.00%
Reckless Driving	0	0.00%	0	0.00%
Improper Backing	0	0.00%	3	1.36%
Illegal/Improper Parking	0	0.00%	0	0.00%
Failure to Control Vehicle	0	0.00%	12	5.43%
Headlights Not On	0	0.00%	0	0.00%
Inattentive/Distracted	0	0.00%	5	2.26%
Confused	0	0.00%	0	0.00%
Vision Obscured	0	0.00%	5	2.26%
Oversized/Loaded Vehicle	0	0.00%	8	3.62%
Inexperienced Driver	0	0.00%	1	0.45%
Other	1	16.67%	24	10.86%
Unknown	1	16.67%	27	12.22%
Total	6	100.00%	221	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash. FTYROW—Failure to Yield Right-of-Way.

Motorcycles



Out of 63,364 total crashes, one or more motorcycles were involved in:

- 774 crashes (all types)
- 31 fatal crashes
- 663 injury crashes
- 80 property damage crashes

32 riders were killed, or 07.19% of all fatalities
779 riders were injured, or 02.19% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Motorcycles		All Others	
	Number	Percent	Number	Percent
Fatal	32	100.00%	0	0.00%
Major	290	98.31%	5	1.69%
Minor	390	94.20%	24	5.80%
Possible	97	81.51%	22	18.49%
Unknown	2	100.00%	0	0.00%
Total	811	94.08%	51	5.92%

This chart compares injury severity of motorcycle riders with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved motorcycles.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	28	87.50%	503	64.57%
Lap Belt	0	0.00%	0	0.00%
Lap & Shoulder Belt	0	0.00%	0	0.00%
Airbag Deployed	0	0.00%	0	0.00%
Child Restraint	0	0.00%	0	0.00%
Motorcycle Helmet	3	9.38%	132	16.94%
Passive Belt	0	0.00%	0	0.00%
Other	0	0.00%	6	0.77%
Unknown	1	3.13%	138	17.72%
Total	32	100.00%	779	100.00%

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	5	15.63%	152	19.51%
Male	27	84.38%	627	80.49%
Unknown	0	0.00%	0	0.00%
Total	32	100.00%	779	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	0	0.00%	0	0.00%
Front Seat Passenger	0	0.00%	0	0.00%
Back Seat Passenger	0	0.00%	0	0.00%
Third+ Seat Passenger	0	0.00%	0	0.00%
Bus Passenger	0	0.00%	0	0.00%
Riding on Exterior	0	0.00%	0	0.00%
MC/Moped Driver	28	87.50%	656	84.21%
MC/Moped Passenger	4	12.50%	123	15.79%
Pedalcyclist	0	0.00%	0	0.00%
Unknown	0	0.00%	0	0.00%
Total	32	100.00%	779	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	14	1.80%
15	0	0.00%	4	0.51%
16	0	0.00%	6	0.77%
17	0	0.00%	10	1.28%
18	3	9.38%	32	4.11%
19	3	9.38%	26	3.34%
20	0	0.00%	40	5.13%
Total Under 21*	6	18.75%	132	16.94%
All Ages				
14 & Under	0	0.00%	14	1.80%
15 to 24	11	34.38%	215	27.60%
25 to 34	3	9.38%	146	18.74%
35 to 44	11	34.38%	216	27.73%
45 to 54	5	15.63%	131	16.82%
55 to 64	1	3.13%	35	4.49%
65 to 74	1	3.13%	9	1.16%
75 & Over	0	0.00%	2	0.26%
Unknown	0	0.00%	11	1.41%
Total	32	100.00%	779	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	2	6.25%	75	9.63%
Lower Torso	0	0.00%	15	1.93%
Internal	1	3.13%	1	0.13%
Head	6	18.75%	67	8.60%
Arms	0	0.00%	60	7.70%
Legs	0	0.00%	77	9.88%
Multiple	22	68.75%	457	58.66%
Other/Unknown	1	3.13%	27	3.47%
Total	32	100.00%	779	100.00%

Motorcycles

Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	1	3.23%	46	6.09%
Male	30	96.77%	701	92.85%
Unknown	0	0.00%	8	1.06%
Total	31	100.00%	755	100.00%

Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	5	0.66%
15	0	0.00%	2	0.26%
16	0	0.00%	5	0.66%
17	0	0.00%	11	1.46%
18	3	9.68%	31	4.11%
19	3	9.68%	27	3.58%
20	0	0.00%	38	5.03%
Total Under 21*	6	19.35%	119	15.76%
All Ages				
14 & Under	0	0.00%	5	0.66%
15 to 24	10	32.26%	213	28.21%
25 to 34	4	12.90%	153	20.26%
35 to 44	11	35.48%	203	26.89%
45 to 54	4	12.90%	120	15.89%
55 to 64	1	3.23%	37	4.90%
65 to 74	1	3.23%	12	1.59%
75 & Over	0	0.00%	2	0.26%
Unknown	0	0.00%	10	1.32%
Total	31	100.00%	755	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	24	77.42%	564	73.63%
Turning Left	2	6.45%	45	5.87%
Turning Right	0	0.00%	26	3.39%
Making U-Turn	0	0.00%	2	0.26%
Passing	3	9.68%	20	2.61%
Changing Lanes	0	0.00%	5	0.65%
Merging	0	0.00%	1	0.13%
Parking	0	0.00%	0	0.00%
Slowing/Stopping	0	0.00%	20	2.61%
Backing	0	0.00%	1	0.13%
Stopped for Sign/Signal	0	0.00%	8	1.04%
Stopped in Traffic	0	0.00%	10	1.31%
Stalled in Traffic	0	0.00%	0	0.00%
Properly Parked	0	0.00%	13	1.70%
Improperly Parked	0	0.00%	0	0.00%
Unattended Moving Vehicle	0	0.00%	1	0.13%
Other	2	6.45%	26	3.39%
Unknown	0	0.00%	24	3.13%
Total	31	100.00%	766	100.00%

Drivers by Condition

Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	9	29.03%	578	76.56%
Physical Defect	0	0.00%	1	0.13%
Fatigue	0	0.00%	1	0.13%
Apparently Asleep	0	0.00%	2	0.26%
Illness	0	0.00%	0	0.00%
Under Medication	0	0.00%	0	0.00%
Infirmities of Age	0	0.00%	1	0.13%
Drinking-Not Impaired	3	9.68%	26	3.44%
Drinking-Impaired	5	16.13%	43	5.70%
Drugs	0	0.00%	2	0.26%
Other	0	0.00%	11	1.46%
Unknown	14	45.16%	90	11.92%
Total	31	100.00%	755	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	6	15.00%	326	37.64%
Ran Traffic Signal	1	2.50%	5	0.58%
Ran Stop Sign	0	0.00%	3	0.35%
Passed Stopped School Bus	0	0.00%	0	0.00%
Improper Passing	1	2.50%	17	1.96%
Left of Center, Not Passing	0	0.00%	5	0.58%
FTYROW at Intersection	0	0.00%	3	0.35%
FTYROW from Stop Sign	0	0.00%	5	0.58%
FTYROW from Yield Sign	0	0.00%	2	0.23%
FTYROW Making Left Turn	0	0.00%	5	0.58%
FTYROW from Driveway	0	0.00%	3	0.35%
FTYROW from Parked	0	0.00%	0	0.00%
FTYROW to Pedestrian	0	0.00%	0	0.00%
FTYROW Other	0	0.00%	2	0.23%
Wrong Way/One-Way	0	0.00%	0	0.00%
Too Fast for Conditions	2	5.00%	25	2.89%
Exceeding Speed Limit	4	10.00%	30	3.46%
Drag Racing	1	2.50%	1	0.12%
Improper Turn	0	0.00%	3	0.35%
Improper Lane Change	0	0.00%	2	0.23%
Following Too Close	0	0.00%	15	1.73%
No/Improper Signal	0	0.00%	1	0.12%
Disregarded Railroad Signal	0	0.00%	0	0.00%
Disregarded Warning Signal	0	0.00%	0	0.00%
Reckless Driving	1	2.50%	16	1.85%
Improper Backing	0	0.00%	0	0.00%
Illegal/Improper Parking	0	0.00%	0	0.00%
Failure to Control Vehicle	16	40.00%	200	23.09%
Headlights Not On	0	0.00%	5	0.58%
Inattentive/Distracted	1	2.50%	30	3.46%
Confused	0	0.00%	4	0.46%
Vision Obscured	0	0.00%	6	0.69%
Oversized/Loaded Vehicle	0	0.00%	0	0.00%
Inexperienced Driver	3	7.50%	32	3.70%
Other	2	5.00%	55	6.35%
Unknown	2	5.00%	65	7.51%
Total	40	100.00%	866	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash.
FTYROW—Failure to Yield Right-of-Way.

Motorcycles

Motorcycle Fatalities & Injuries by Helmet Usage & Gender

Gender	Fatalities						Injuries					
	Helmet Not Worn		Helmet Worn		Unknown/Other		Helmet Not Worn		Helmet Worn		Unknown/Other	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Female	4	13.33%	1	50.00%	0	0.00%	98	19.48%	26	19.70%	28	19.44%
Male	26	86.67%	1	50.00%	0	0.00%	405	80.52%	106	80.30%	116	80.56%
Unknown	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Total	30	100.00%	2	100.00%	0	0.00%	503	100.00%	132	100.00%	144	100.00%

Motorcycle Fatalities & Injuries by Helmet Usage & Age

Age	Fatalities						Injuries					
	Helmet Not Worn		Helmet Worn		Unknown/Other		Helmet Not Worn		Helmet Worn		Unknown/Other	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
14 & Under	0	0.00%	0	0.00%	0	0.00%	7	1.39%	4	3.03%	3	2.08%
15 to 24	11	37.93%	0	0.00%	0	0.00%	143	28.43%	35	26.52%	37	25.69%
25 to 34	3	10.34%	0	0.00%	0	0.00%	107	21.27%	16	12.12%	23	15.97%
35 to 44	11	37.93%	0	0.00%	0	0.00%	144	28.63%	34	25.76%	38	26.39%
45 to 54	4	13.79%	0	0.00%	0	0.00%	74	14.71%	28	21.21%	29	20.14%
55 to 64	0	0.00%	1	50.00%	0	0.00%	15	2.98%	10	7.58%	10	6.94%
65 to 74	0	0.00%	1	50.00%	0	0.00%	5	0.99%	3	2.27%	1	0.69%
75 & Over	0	0.00%	0	0.00%	0	0.00%	0	0.00%	1	0.76%	1	0.69%
Unknown	0	0.00%	0	0.00%	0	0.00%	8	1.59%	1	0.76%	2	1.39%
Total	29	100.00%	2	100.00%	0	0.00%	503	100.00%	132	100.00%	144	100.00%

Motorcycle Fatalities & Injuries by Helmet Usage & Posted Speed Limit

Posted Speed Limit	Fatalities						Injuries					
	Helmet Not Worn		Helmet Worn		Unknown/Other		Helmet Not Worn		Helmet Worn		Unknown/Other	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under 25	0	0.00%	0	0.00%	0	0.00%	10	1.99%	3	2.27%	0	0.00%
25 mph	5	16.67%	0	0.00%	0	0.00%	110	21.87%	12	9.09%	22	15.28%
30 mph	0	0.00%	0	0.00%	0	0.00%	37	7.36%	7	5.30%	16	11.11%
35 mph	5	16.67%	0	0.00%	0	0.00%	57	11.33%	19	14.39%	12	8.33%
40 mph	1	3.33%	0	0.00%	0	0.00%	8	1.59%	0	0.00%	3	2.08%
45 mph	3	10.00%	0	0.00%	0	0.00%	27	5.37%	12	9.09%	3	2.08%
50 mph	0	0.00%	0	0.00%	0	0.00%	8	1.59%	0	0.00%	1	0.69%
55 mph	15	50.00%	1	50.00%	0	0.00%	119	23.66%	37	28.03%	19	13.19%
60 mph	0	0.00%	0	0.00%	0	0.00%	1	0.20%	0	0.00%	0	0.00%
65 mph	1	3.33%	1	50.00%	0	0.00%	10	1.99%	7	5.30%	1	0.69%
Unknown	0	0.00%	0	0.00%	0	0.00%	116	23.06%	35	26.52%	67	46.53%
Total	30	100.00%	2	100.00%	0	0.00%	503	100.00%	132	100.00%	144	100.00%

Pedalcycles in Motor Vehicle Crashes



Out of 63,364 total crashes, one or more pedalcycles were involved in:

- 462 crashes (all types)
- 3 fatal crashes
- 453 injury crashes
- 6 property damage crashes

3 riders were killed, or 00.67% of all fatalities
460 riders were injured, or 01.29% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Pedalcycles		All Others	
	Number	Percent	Number	Percent
Fatal	3	100.00%	0	0.00%
Major	53	100.00%	0	0.00%
Minor	306	99.67%	1	0.33%
Possible	98	96.08%	4	3.92%
Unknown	3	100.00%	0	0.00%
Total	463	98.93%	5	1.07%

This chart compares injury severity of pedalcyclists with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved pedalcycles.

Fatalities & Injuries by Protective Device

Protective Device Used by Pedalcyclists Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	1	33.33%	328	71.30%
Lap Belt	0	0.00%	0	0.00%
Lap & Shoulder Belt	0	0.00%	0	0.00%
Airbag Deployed	0	0.00%	0	0.00%
Child Restraint	0	0.00%	0	0.00%
Helmet	1	33.33%	9	1.96%
Passive Belt	0	0.00%	0	0.00%
Other	0	0.00%	26	5.65%
Unknown	1	33.33%	97	21.09%
Total	3	100.00%	460	100.00%

Fatalities & Injuries by Gender

Gender of Pedalcyclists Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	0	0.00%	105	22.83%
Male	3	100.00%	355	77.17%
Unknown	0	0.00%	0	0.00%
Total	3	100.00%	460	100.00%

Fatalities & Injuries by Position

Position of Pedalcyclists Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	0	0.00%	0	0.00%
Front Seat Passenger	0	0.00%	0	0.00%
Back Seat Passenger	0	0.00%	0	0.00%
Third+ Seat Passenger	0	0.00%	0	0.00%
Bus Passenger	0	0.00%	0	0.00%
Riding on Exterior	0	0.00%	0	0.00%
MC/Moped Driver	0	0.00%	0	0.00%
MC/Moped Passenger	0	0.00%	0	0.00%
Pedalcyclist	3	100.00%	460	100.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	0	0.00%
Total	3	100.00%	460	100.00%

Fatalities & Injuries by Age Group

Age Group of Pedalcyclists Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	248	53.91%
15	0	0.00%	23	5.00%
16	0	0.00%	8	1.74%
17	0	0.00%	8	1.74%
18	0	0.00%	5	1.09%
19	0	0.00%	11	2.39%
20	0	0.00%	8	1.74%
Total	0	0.00%	311	67.61%
All Ages				
14 & Under	0	0.00%	248	53.91%
15 to 24	0	0.00%	82	17.83%
25 to 34	0	0.00%	46	10.00%
35 to 44	1	33.33%	34	7.39%
45 to 54	1	33.33%	16	3.48%
55 to 64	1	33.33%	8	1.74%
65 to 74	0	0.00%	5	1.09%
75 & Over	0	0.00%	1	0.22%
Unknown	0	0.00%	20	4.35%
Total	3	100.00%	460	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Area of Injury

Area of Injury of Pedalcyclists Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	0	0.00%	31	6.74%
Lower Torso	0	0.00%	15	3.26%
Internal	1	33.33%	1	0.22%
Head	1	33.33%	50	10.87%
Arms	0	0.00%	48	10.43%
Legs	0	0.00%	96	20.87%
Multiple	1	33.33%	190	41.30%
Other/Unknown	0	0.00%	29	6.30%
Total	3	100.00%	460	100.00%

Pedalcycles in Motor Vehicle Crashes

Riders by Gender

Gender of Pedalcyclists in Crashes	Pedalcyclists			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	0	0.00%	105	22.53%
Male	3	100.00%	360	77.25%
Unknown	0	0.00%	1	0.21%
Total	3	100.00%	466	100.00%

Riders by Age Group

Age Group of Pedalcyclists Crashes	Pedalcyclists			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	248	53.22%
15	0	0.00%	23	4.94%
16	0	0.00%	8	1.72%
17	0	0.00%	8	1.72%
18	0	0.00%	5	1.07%
19	0	0.00%	11	2.36%
20	0	0.00%	8	1.72%
Total	0	0.00%	311	66.74%
All Ages				
14 & Under	0	0.00%	248	53.22%
15 to 24	0	0.00%	82	17.60%
25 to 34	0	0.00%	46	9.87%
35 to 44	1	33.33%	34	7.30%
45 to 54	1	33.33%	16	3.43%
55 to 64	1	33.33%	8	1.72%
65 to 74	0	0.00%	5	1.07%
75 & Over	0	0.00%	1	0.21%
Unknown	0	0.00%	26	5.58%
Total	3	100.00%	466	100.00%

Under age 21 percentages based on total for all ages.

Bicycle/Pedalcycle Action

Pedalcycle Action in Crashes	Pedalcycles			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	1	33.33%	194	41.63%
Turning Left	0	0.00%	19	4.08%
Turning Right	0	0.00%	11	2.36%
Making U-Turn	0	0.00%	0	0.00%
Passing	0	0.00%	0	0.00%
Changing Lanes	0	0.00%	1	0.21%
Merging	0	0.00%	1	0.21%
Parking	0	0.00%	0	0.00%
Slowing/Stopping	0	0.00%	2	0.43%
Backing	0	0.00%	0	0.00%
Stopped for Sign/Signal	0	0.00%	0	0.00%
Stopped in Traffic	0	0.00%	0	0.00%
Stalled in Traffic	0	0.00%	0	0.00%
Properly Parked	0	0.00%	0	0.00%
Improperly Parked	0	0.00%	0	0.00%
Unattended Moving Vehicle	0	0.00%	0	0.00%
Other	0	0.00%	15	3.22%
Unknown	2	66.67%	223	47.85%
Total	3	100.00%	466	100.00%

Riders by Condition

Condition of Pedalcyclists in Crashes	Pedalcyclists			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	1	33.33%	208	44.64%
Physical Defect	0	0.00%	2	0.43%
Fatigued	0	0.00%	0	0.00%
Apparently Asleep	0	0.00%	0	0.00%
Illness	0	0.00%	0	0.00%
Under Medication	0	0.00%	0	0.00%
Infirmities of Age	0	0.00%	3	0.64%
Drinking-Not Impaired	0	0.00%	3	0.64%
Drinking-Impaired	0	0.00%	1	0.21%
Drugs	0	0.00%	0	0.00%
Other	0	0.00%	5	1.07%
Unknown	2	66.67%	244	52.36%
Total	3	100.00%	466	100.00%

Contributing Circumstances

Contributing Circumstances	Pedalcycles			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	1	33.33%	70	13.89%
Ran Traffic signal	0	0.00%	8	1.59%
Ran Stop Sign	0	0.00%	22	4.37%
Passed Stopped School Bus	0	0.00%	0	0.00%
Improper Passing	0	0.00%	4	0.79%
Left of Center, Not Passing	0	0.00%	5	0.99%
FTYROW at Intersection	0	0.00%	9	1.79%
FTYROW From Stop Sign	0	0.00%	8	1.59%
FTYROW From Yield Sign	0	0.00%	0	0.00%
FTYROW Making Left Turn	0	0.00%	3	0.60%
FTYROW From Driveway	0	0.00%	8	1.59%
FTYROW From Parked	0	0.00%	0	0.00%
FTYROW to Pedestrian	0	0.00%	1	0.20%
FTYROW Other	0	0.00%	12	2.38%
Wrong Way/One-Way	0	0.00%	1	0.20%
Too Fast for Conditions	0	0.00%	5	0.99%
Exceeding Speed Limit	0	0.00%	1	0.20%
Drag Racing	0	0.00%	0	0.00%
Improper Turn	0	0.00%	1	0.20%
Improper Lane Change	0	0.00%	2	0.40%
Following Too Close	0	0.00%	2	0.40%
No/Improper Signal	0	0.00%	2	0.40%
Disregarded Railroad Signal	0	0.00%	0	0.00%
Disregarded Warning Signal	0	0.00%	2	0.40%
Reckless Driving	0	0.00%	2	0.40%
Improper Backing	0	0.00%	0	0.00%
Illegal/Improper Parking	0	0.00%	0	0.00%
Failure to Control Vehicle	0	0.00%	4	0.79%
Headlights Not On	0	0.00%	8	1.59%
Inattentive/Distracted	0	0.00%	20	3.97%
Confused	0	0.00%	0	0.00%
Vision Obscured	0	0.00%	11	2.18%
Oversized/Loaded Vehicle	0	0.00%	2	0.40%
Inexperienced Driver	0	0.00%	8	1.59%
Other	0	0.00%	27	5.36%
Unknown	2	66.67%	256	50.79%
Total	3	100.00%	504	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash. FTYROW—Failure to Yield Right-of-Way.

Mopeds & All Terrain Vehicles



Out of 63,364 total crashes, one or more mopeds or all terrain vehicles were involved in:

- 116 crashes (all types)
- 3 fatal crashes
- 91 injury crashes
- 22 property damage crashes

3 riders were killed, or 00.67% of all fatalities
93 riders were injured, or 00.26% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Mopeds		All Others	
	Number	Percent	Number	Percent
Fatal	3	100.00%	0	0.00%
Major	26	96.30%	1	3.70%
Minor	52	89.66%	6	10.34%
Possible	13	81.25%	3	18.75%
Unknown	2	100.00%	0	0.00%
Total	96	90.57%	10	9.43%

This chart compares injury severity of moped and all terrain vehicle riders with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved mopeds and all terrain vehicles.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	3	100.00%	61	65.59%
Lap Belt	0	0.00%	0	0.00%
Lap & Shoulder Belt	0	0.00%	5	5.38%
Airbag Deployed	0	0.00%	0	0.00%
Child Restraint	0	0.00%	0	0.00%
Motorcycle Helmet	0	0.00%	8	8.60%
Passive Belt	0	0.00%	0	0.00%
Other	0	0.00%	2	2.15%
Unknown	0	0.00%	17	18.28%
Total	3	100.00%	93	100.00%

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	0	0.00%	14	15.05%
Male	3	100.00%	79	84.95%
Unknown	0	0.00%	0	0.00%
Total	3	100.00%	93	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	3	100.00%	38	40.86%
Front Seat Passenger	0	0.00%	0	0.00%
Back Seat Passenger	0	0.00%	0	0.00%
Third+ Seat Passenger	0	0.00%	0	0.00%
Bus Passenger	0	0.00%	0	0.00%
Riding on Exterior	0	0.00%	0	0.00%
MC/Moped Driver	0	0.00%	47	50.54%
MC/Moped Passenger	0	0.00%	2	2.15%
Pedalcyclist	0	0.00%	0	0.00%
Unknown	0	0.00%	6	6.45%
Total	3	100.00%	93	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	29	31.18%
15	0	0.00%	15	16.13%
16	0	0.00%	9	9.68%
17	1	33.33%	5	5.38%
18	0	0.00%	6	6.45%
19	1	33.33%	0	0.00%
20	0	0.00%	1	1.08%
Total Under 21*	2	66.67%	65	69.89%
All Ages				
14 & Under	0	0.00%	29	31.18%
15 to 24	2	66.67%	39	41.94%
25 to 34	0	0.00%	8	8.60%
35 to 44	0	0.00%	5	5.38%
45 to 54	1	33.33%	7	7.53%
55 to 64	0	0.00%	2	2.15%
65 to 74	0	0.00%	1	1.08%
75 & Over	0	0.00%	2	2.15%
Unknown	0	0.00%	0	0.00%
Total	3	100.00%	93	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	0	0.00%	8	8.60%
Lower Torso	0	0.00%	3	3.23%
Internal	0	0.00%	1	1.08%
Head	1	33.33%	13	13.98%
Arms	0	0.00%	6	6.45%
Legs	0	0.00%	13	13.98%
Multiple	1	33.33%	49	52.69%
Other/Unknown	1	33.33%	0	0.00%
Total	3	100.00%	93	100.00%

Mopeds & All Terrain Vehicles

Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	0	0.00%	13	11.30%
Male	3	100.00%	101	87.83%
Unknown	0	0.00%	1	0.87%
Total	3	100.00%	115	100.00%

Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	27	23.48%
15	0	0.00%	18	15.65%
16	0	0.00%	7	6.09%
17	1	33.33%	6	5.22%
18	0	0.00%	6	5.22%
19	1	33.33%	3	2.61%
20	0	0.00%	1	0.87%
Total Under 21*	2	66.67%	68	59.13%
All Ages				
14 & Under	0	0.00%	27	23.48%
15 to 24	2	66.67%	48	41.74%
25 to 34	0	0.00%	14	12.17%
35 to 44	0	0.00%	6	5.22%
45 to 54	1	33.33%	10	8.70%
55 to 64	0	0.00%	5	4.35%
65 to 74	0	0.00%	3	2.61%
75 & Over	0	0.00%	1	0.87%
Unknown	0	0.00%	1	0.87%
Total	3	100.00%	115	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	1	33.33%	82	70.09%
Turning Left	0	0.00%	7	5.98%
Turning Right	1	33.33%	1	0.85%
Making U-Turn	0	0.00%	1	0.85%
Passing	0	0.00%	1	0.85%
Changing Lanes	0	0.00%	0	0.00%
Merging	0	0.00%	0	0.00%
Parking	0	0.00%	0	0.00%
Slowing/Stopping	0	0.00%	4	3.42%
Backing	0	0.00%	1	0.85%
Stopped for Sign/Signal	0	0.00%	0	0.00%
Stopped in Traffic	0	0.00%	0	0.00%
Stalled in Traffic	0	0.00%	0	0.00%
Properly Parked	0	0.00%	2	1.71%
Improperly Parked	0	0.00%	1	0.85%
Unattended Moving Vehicle	0	0.00%	0	0.00%
Other	0	0.00%	7	5.98%
Unknown	1	33.33%	10	8.55%
Total	3	100.00%	117	100.00%

Drivers by Condition

Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	2	66.67%	93	80.87%
Physical Defect	0	0.00%	0	0.00%
Fatigue	0	0.00%	0	0.00%
Apparently Asleep	0	0.00%	0	0.00%
Illness	0	0.00%	1	0.87%
Under Medication	0	0.00%	0	0.00%
Infirmities of Age	0	0.00%	0	0.00%
Drinking-Not Impaired	0	0.00%	0	0.00%
Drinking-Impaired	0	0.00%	4	3.48%
Drugs	0	0.00%	2	1.74%
Other	0	0.00%	2	1.74%
Unknown	1	33.33%	13	11.30%
Total	3	100.00%	115	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Moped Drivers			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	0	0.00%	37	26.43%
Ran Traffic Signal	0	0.00%	0	0.00%
Ran Stop Sign	1	25.00%	4	2.86%
Passed Stopped School Bus	0	0.00%	0	0.00%
Improper Passing	0	0.00%	1	0.71%
Left of Center, Not Passing	0	0.00%	1	0.71%
FTYROW at Intersection	0	0.00%	3	2.14%
FTYROW from Stop Sign	0	0.00%	4	2.86%
FTYROW from Yield Sign	0	0.00%	0	0.00%
FTYROW Making Left Turn	0	0.00%	0	0.00%
FTYROW from Driveway	2	50.00%	1	0.71%
FTYROW from Parked	0	0.00%	0	0.00%
FTYROW to Pedestrian	0	0.00%	0	0.00%
FTYROW Other	0	0.00%	3	2.14%
Wrong Way/One-Way	0	0.00%	1	0.71%
Too Fast for Conditions	0	0.00%	5	3.57%
Exceeding Speed Limit	0	0.00%	0	0.00%
Drag Racing	0	0.00%	0	0.00%
Improper Turn	0	0.00%	1	0.71%
Improper Lane Change	0	0.00%	0	0.00%
Following Too Close	0	0.00%	4	2.86%
No/Improper Signal	0	0.00%	0	0.00%
Disregarded Railroad Signal	0	0.00%	0	0.00%
Disregarded Warning Signal	0	0.00%	0	0.00%
Reckless Driving	0	0.00%	6	4.29%
Improper Backing	0	0.00%	1	0.71%
Illegal/Improper Parking	0	0.00%	1	0.71%
Failure to Control Vehicle	0	0.00%	24	17.14%
Headlights Not On	0	0.00%	2	1.43%
Inattentive/Distracted	1	25.00%	8	5.71%
Confused	0	0.00%	0	0.00%
Vision Obscured	0	0.00%	1	0.71%
Oversized/Loaded Vehicle	0	0.00%	0	0.00%
Inexperienced Driver	0	0.00%	10	7.14%
Other	0	0.00%	8	5.71%
Unknown	0	0.00%	14	10.00%
Total	4	100.00%	140	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash.
FTYROW—Failure to Yield Right-of-Way.

Motor Vehicle & Train Crashes



Out of 63,364 total crashes, motor vehicles & trains were involved in:

- 106 crashes (involving 114 vehicles & 106 trains)
- 5 fatal crashes (involving 6 vehicles & 5 trains)
- 41 injury crashes (involving 42 vehicles & 41 trains)
- 60 property damage crashes (involving 66 vehicles & 60 trains)

- 6 vehicle occupants were killed, or 01.35% of all fatalities
- 0 train occupants were killed, or 00.00% of all fatalities
- 45 vehicle occupants were injured, or 00.13% of all injuries
- 3 train occupants were injured, or 00.01% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Trains		All Others	
	Number	Percent	Number	Percent
Fatal	0	0.00%	6	100.00%
Major	0	0.00%	10	100.00%
Minor	0	0.00%	22	100.00%
Possible	3	20.00%	12	80.00%
Unknown	0	0.00%	1	100.00%
Total	3	5.56%	51	94.44%

This chart compares injury severity of train occupants with motor vehicle occupants in crashes that involved trains.

Fatalities & Injuries by Gender

Gender of Non-Train Occupants Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	2	33.33%	17	37.78%
Male	4	66.67%	28	62.22%
Unknown	0	0.00%	0	0.00%
Total	6	100.00%	45	100.00%

Fatalities & Injuries by Age Group

Age Group of Non-Train Occupants Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	2	4.44%
15	0	0.00%	0	0.00%
16	1	16.67%	1	2.22%
17	0	0.00%	3	6.67%
18	0	0.00%	1	2.22%
19	0	0.00%	2	4.44%
20	0	0.00%	1	2.22%
Total	1	16.67%	10	22.22%
All Ages				
14 & Under	0	0.00%	2	4.44%
15 to 24	3	50.00%	10	22.22%
25 to 34	2	33.33%	8	17.78%
35 to 44	0	0.00%	6	13.33%
45 to 54	1	16.67%	9	20.00%
55 to 64	0	0.00%	4	8.89%
65 to 74	0	0.00%	4	8.89%
75 & Over	0	0.00%	1	2.22%
Unknown	0	0.00%	1	2.22%
Total	6	100.00%	45	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Protective Device

Protective Device Used by Motor Vehicle Occupants	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	4	66.67%	10	22.22%
Lap Belt	0	0.00%	1	2.22%
Lap & Shoulder Belt	1	16.67%	21	46.67%
Airbag Deployed	0	0.00%	1	2.22%
Child Restraint	0	0.00%	0	0.00%
Motorcycle Helmet	0	0.00%	0	0.00%
Passive Belt	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	1	16.67%	12	26.67%
Total	6	100.00%	45	100.00%

Does not include pedestrians or non-vehicle/non-pedestrians.

Fatalities & Injuries by Position

Position of Non-Train Occupants	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Pedalcycle	0	0.00%	0	0.00%
Exterior of Vehicle	0	0.00%	0	0.00%
Motorcycle/Moped Driver	0	0.00%	0	0.00%
Non-Vehicle/Pedestrian	0	0.00%	0	0.00%
Unknown Vehicle Position	0	0.00%	0	0.00%
Pedestrian	0	0.00%	0	0.00%
Motorcycle/Moped Passenger	0	0.00%	0	0.00%
Bus Passenger	0	0.00%	0	0.00%
Driver	5	83.33%	38	84.44%
Passenger	1	16.67%	7	15.56%
Total	6	100.00%	45	100.00%

Fatalities & Injuries by Area of Injury

Area of Injury of Non-Train Occupants	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	0	0.00%	9	20.00%
Lower Torso	0	0.00%	0	0.00%
Internal	0	0.00%	0	0.00%
Head	1	16.67%	3	6.67%
Arms	0	0.00%	1	2.22%
Legs	0	0.00%	3	6.67%
Multiple	5	83.33%	26	57.78%
Other/Unknown	0	0.00%	3	6.67%
Total	6	100.00%	45	100.00%

Motor Vehicle & Train Crashes

Drivers by Gender

Gender of Motor Vehicle Drivers	Drivers in Crashes			
	Fatal		Injury & Property	
	Number	Percent	Number	Percent
Female	2	40.00%	32	32.99%
Male	3	60.00%	64	65.98%
Unknown	0	0.00%	1	1.03%
Total	5	100.00%	97	100.00%

Drivers by Age Group

Age Group of Motor Vehicle Drivers	Drivers in Crashes			
	Fatal		Injury & Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	1	1.03%
15	0	0.00%	0	0.00%
16	0	0.00%	5	5.15%
17	0	0.00%	4	4.12%
18	0	0.00%	3	3.09%
19	0	0.00%	5	5.15%
20	0	0.00%	3	3.09%
Total	0	0.00%	21	21.65%
All Ages				
14 & Under	0	0.00%	1	1.03%
15 to 24	2	40.00%	29	29.90%
25 to 34	2	40.00%	16	16.49%
35 to 44	0	0.00%	17	17.53%
45 to 54	1	20.00%	16	16.49%
55 to 64	0	0.00%	6	6.19%
65 to 74	0	0.00%	5	5.15%
75 & Over	0	0.00%	6	6.19%
Unknown	0	0.00%	1	1.03%
Total	5	100.00%	97	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Motor Vehicle Action	Vehicles in Crashes			
	Fatal		Injury & Property	
	Number	Percent	Number	Percent
Going Straight	5	83.33%	79	73.15%
Turning Left	0	0.00%	1	0.93%
Turning Right	0	0.00%	0	0.00%
Making U-Turn	0	0.00%	0	0.00%
Passing	0	0.00%	0	0.00%
Changing Lanes	0	0.00%	0	0.00%
Merging	0	0.00%	0	0.00%
Parking	0	0.00%	0	0.00%
Slowing/Stopping	0	0.00%	6	5.56%
Backing	0	0.00%	0	0.00%
Stopped for Sign/Signal	0	0.00%	1	0.93%
Stopped in Traffic	0	0.00%	2	1.85%
Stalled in Traffic	0	0.00%	2	1.85%
Properly Parked	0	0.00%	0	0.00%
Improperly Parked	0	0.00%	7	6.48%
Unattended Moving Vehicle	0	0.00%	0	0.00%
Other	0	0.00%	2	1.85%
Unknown	1	16.67%	8	7.41%
Total	6	100.00%	108	100.00%

Drivers by Condition

Motor Vehicle Driver Condition	Drivers in Crashes			
	Fatal		Injury & Property	
	Number	Percent	Number	Percent
Apparently Normal	3	60.00%	75	77.32%
Physical Defect	0	0.00%	0	0.00%
Fatigue	0	0.00%	1	1.03%
Apparently Asleep	0	0.00%	1	1.03%
Illness	0	0.00%	0	0.00%
Under Medication	0	0.00%	0	0.00%
Infirmities of Age	0	0.00%	2	2.06%
Drinking-Not Impaired	0	0.00%	2	2.06%
Drinking-Impaired	1	20.00%	7	7.22%
Drugs	0	0.00%	1	1.03%
Other	0	0.00%	0	0.00%
Unknown	1	20.00%	8	8.25%
Total	5	100.00%	97	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury & Property	
	Number	Percent	Number	Percent
None Apparent	0	0.00%	12	9.02%
Ran Traffic Signal	0	0.00%	0	0.00%
Ran Stop Sign	0	0.00%	4	3.01%
Passed Stopped School Bus	0	0.00%	0	0.00%
Improper Passing	0	0.00%	0	0.00%
Left of Center, Not Passing	0	0.00%	0	0.00%
FTYROW at Intersection	0	0.00%	1	0.75%
FTYROW from Stop Sign	0	0.00%	3	2.26%
FTYROW from Yield Sign	0	0.00%	0	0.00%
FTYROW Making Left Turn	0	0.00%	0	0.00%
FTYROW from Driveway	0	0.00%	0	0.00%
FTYROW from Parked	0	0.00%	1	0.75%
FTYROW to Pedestrian	0	0.00%	0	0.00%
FTYROW Other	2	25.00%	8	6.02%
Wrong Way/One-Way	0	0.00%	0	0.00%
Too Fast for Conditions	0	0.00%	4	3.01%
Exceeding Speed Limit	0	0.00%	0	0.00%
Drag Racing	0	0.00%	0	0.00%
Improper Turn	0	0.00%	0	0.00%
Improper Lane Change	0	0.00%	0	0.00%
Following Too Close	0	0.00%	0	0.00%
No/Improper Signal	0	0.00%	1	0.75%
Disregarded Railroad Signal	1	12.50%	29	21.80%
Disregarded Warning Signal	0	0.00%	3	2.26%
Reckless Driving	0	0.00%	0	0.00%
Improper Backing	0	0.00%	0	0.00%
Illegal/Improper Parking	0	0.00%	4	3.01%
Failure to Control Vehicle	0	0.00%	11	8.27%
Headlights Not On	0	0.00%	0	0.00%
Inattentive/Distracted	2	25.00%	17	12.78%
Confused	0	0.00%	3	2.26%
Vision Obscured	1	12.50%	5	3.76%
Oversized/Loaded Vehicle	0	0.00%	1	0.75%
Inexperienced Driver	0	0.00%	2	1.50%
Other	1	12.50%	9	6.77%
Unknown	1	12.50%	15	11.28%
Total	8	100.00%	133	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash.
FTYROW—Failure to Yield Right-of-Way.

Motor Vehicle & Train Crashes

Month

Month	Crashes			
	Fatal		Injury & Property	
	Number	Percent	Number	Percent
January	0	0.00%	5	5.81%
February	1	20.00%	5	5.81%
March	0	0.00%	5	5.81%
April	0	0.00%	4	4.65%
May	1	20.00%	4	4.65%
June	0	0.00%	7	8.14%
July	1	20.00%	9	10.47%
August	1	20.00%	6	6.98%
September	0	0.00%	11	12.79%
October	1	20.00%	8	9.30%
November	0	0.00%	3	3.49%
December	0	0.00%	19	22.09%
Total	5	100.00%	86	100.00%

Driver's Vision Obstruction

Driver's Vision Obstruction	Drivers in Crashes			
	Fatal		Injury & Property	
	Number	Percent	Number	Percent
No Obstruction	3	60.00%	69	71.13%
Vegetation	0	0.00%	6	6.19%
Buildings	0	0.00%	1	1.03%
Embankment	0	0.00%	2	2.06%
Sign/Billboard	0	0.00%	0	0.00%
Hillcrest	0	0.00%	1	1.03%
Parked Vehicle	0	0.00%	2	2.06%
Moving Vehicle	0	0.00%	1	1.03%
Person/Object In/On Vehicle	0	0.00%	0	0.00%
Blinded by Sun/Headlights	0	0.00%	4	4.12%
Frosted Windows	0	0.00%	0	0.00%
Blowing Snow	0	0.00%	0	0.00%
Fog/Smoke/Dust	1	20.00%	3	3.09%
Other	0	0.00%	2	2.06%
Unknown	1	20.00%	6	6.19%
Total	5	100.00%	97	100.00%

Light Conditions

Light Conditions	Crashes			
	Fatal		Injury & Property	
	Number	Percent	Number	Percent
Daylight	3	60.00%	54	64.29%
Dusk	0	0.00%	1	1.19%
Dawn	0	0.00%	2	2.38%
Darkness, Lighted	0	0.00%	14	16.67%
Darkness, Not Lighted	2	40.00%	13	15.48%
Unknown	0	0.00%	2	2.38%
Total	5	100.00%	84	100.00%

Posted Speed Limit

Posted Speed Limit for Motor Vehicle	Vehicles in Crashes			
	Fatal		Injury & Property	
	Number	Percent	Number	Percent
Under 25 mph	0	0.00%	2	1.85%
25 mph	0	0.00%	33	30.56%
30 mph	1	16.67%	14	12.96%
35 mph	0	0.00%	7	6.48%
40 mph	0	0.00%	0	0.00%
45 mph	0	0.00%	4	3.70%
50 mph	0	0.00%	8	7.41%
55 mph	1	16.67%	13	12.04%
60 mph	0	0.00%	0	0.00%
65 mph	0	0.00%	0	0.00%
Unknown	4	66.67%	27	25.00%
Total	6	100.00%	108	100.00%

Weather Conditions

Weather Conditions	Crashes			
	Fatal		Injury & Property	
	Number	Percent	Number	Percent
Clear	4	66.67%	56	60.22%
Cloudy	0	0.00%	19	20.43%
Fog	1	16.67%	2	2.15%
Mist	1	16.67%	1	1.08%
Rain	0	0.00%	0	0.00%
Sleet/Hail	0	0.00%	1	1.08%
Snow	0	0.00%	10	10.75%
Strong Wind	0	0.00%	1	1.08%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	3	3.23%
Total	6	100.00%	93	100.00%

Type of Traffic Control

Type of Traffic Controls for Motor Vehicle	Vehicles in Crashes			
	Fatal		Injury & Property	
	Number	Percent	Number	Percent
No Controls	1	16.67%	20	18.52%
Signals	0	0.00%	0	0.00%
Stop Signs	0	0.00%	8	7.41%
Yield Signs	0	0.00%	0	0.00%
Warning Signs	1	16.67%	3	2.78%
School Signals	0	0.00%	0	0.00%
No Passing Zones	0	0.00%	0	0.00%
School Stop Signs	0	0.00%	0	0.00%
School Bus Stop Arms	0	0.00%	0	0.00%
Railroad Signs	3	50.00%	37	34.26%
Railroad Signals	0	0.00%	22	20.37%
Railroad Crossing Gates	0	0.00%	9	8.33%
Peace Officer	0	0.00%	0	0.00%
Non-Functioning Signals	0	0.00%	2	1.85%
Other	0	0.00%	1	0.93%
Unknown	1	16.67%	6	5.56%
Total	6	100.00%	108	100.00%

Up to two weather conditions may be listed for each crash.

Glossary

Crash Rate The number of crashes per vehicle miles traveled.

Alcohol-Related A crash where either a driver, pedalcyclist or pedestrian is listed on the motor vehicle crash report as drinking prior to the crash.

BAC Blood alcohol content; the percent of alcohol measured in blood.

Fatal Crash A crash in which one or more persons are killed.

Fatality A person killed as a result of a crash.

Fatality Rate The number of fatalities per vehicle miles traveled.

FTYROW (Failed to Yield Right-of-Way). Used in Driver/Vehicle Related Contributing Circumstances (e.g., Failed to Yield Right-of-Way from Stop Sign).

Maintenance & Construction Vehicles Large motor vehicles used for maintenance, building or construction (e.g., snowplows, graders, dump trucks, mobile cranes, garbage trucks).

Injury Crash A crash in which no one is killed but one or more persons are injured.

Non-Vehicle/Non-Pedestrian Persons who are not an occupant or rider of a vehicle nor would they be considered a pedestrian (e.g., rider of a horse, occupant of a buggy pulled by an animal, occupant of a train or a building).

Motor Home A large motor vehicle equipped as living quarters and most often used in camping (e.g., Gulfstream, Winnebago).
See also recreational vehicle.

Occupant Restraints Safety belts, child safety seats or passive restraints. *See also protective devices.*

Pedalcycle Any vehicle propelled solely by human-powered pedals (e.g., bicycle, tricycle, big wheel).

Property Crash A crash in which no one is killed or injured but there is property damage of \$1,000 or more.

Protective Devices May include seat belts, lap and shoulder belts, child restraints, air bags, helmets and passive belts. On the current reporting form there is no standardized reporting system for air bag deployment. Therefore, air bag deployment is included at the officer's discretion.

Recreational Vehicle For this publication, a motorized vehicle with an unenclosed driver/passenger area most often driven off-road and used for sport and recreational purposes (e.g., all-terrain vehicles (ATVs), four-wheelers). *See also motor home.*

Sport Utility Vehicle (SUV) A large motor vehicle where the passenger and cargo area are enclosed in a single compartment (e.g., Ford Bronco, Jeep Cherokee, Chevy Blazer)

Traffic Crash Iowa law requires motorists to report any motor vehicle crash which involved one or more vehicles and results in death, injury or property damage of at least \$1,000. The information in this report is based only on those crashes which occur on public roads.

Vans includes panel trucks and passenger, commercial and step vans.